

# NATIONAL QUALITY FORUM

## Measure Evaluation 4.1 December 2009

This form contains the measure information submitted by stewards. Blank fields indicate no information was provided. Attachments also may have been submitted and are provided to reviewers. The subcriteria and most of the footnotes from the [evaluation criteria](#) are provided in Word comments within the form and will appear if your cursor is over the highlighted area. Hyperlinks to the evaluation criteria and ratings are provided in each section.

**TAP/Workgroup** (if utilized): Complete all **yellow highlighted** areas of the form. Evaluate the extent to which each subcriterion is met. Based on your evaluation, summarize the strengths and weaknesses in each section.

**Note:** *If there is no TAP or workgroup, the SC also evaluates the subcriteria (yellow highlighted areas).*

**Steering Committee:** Complete all **pink** highlighted areas of the form. Review the workgroup/TAP assessment of the subcriteria, noting any areas of disagreement; then evaluate the extent to which each major criterion is met; and finally, indicate your recommendation for the endorsement. Provide the rationale for your ratings.

Evaluation ratings of the extent to which the criteria are met

C = Completely (unquestionably demonstrated to meet the criterion)

P = Partially (demonstrated to partially meet the criterion)

M = Minimally (addressed BUT demonstrated to only minimally meet the criterion)

N = Not at all (NOT addressed; OR incorrectly addressed; OR demonstrated to NOT meet the criterion)

NA = Not applicable (only an option for a few subcriteria as indicated)

<b>(for NQF staff use)</b> NQF Review #: 1480	NQF Project: Surgery Endorsement Maintenance 2010
MEASURE DESCRIPTIVE INFORMATION	
<b>De.1 Measure Title:</b> Patient(s) 18 years of age and older on a beta-blocker at admission or within seven days of discharge of an isolated CABG procedure.	
<b>De.2 Brief description of measure:</b> Patient(s) 18 years of age and older hospitalized for an isolated CABG procedure taking a beta-blocker at admission or within seven days of discharge.	
<b>1.1-2 Type of Measure:</b> Process	
<b>De.3</b> If included in a composite or paired with another measure, please identify composite or paired measure	
<b>De.4 National Priority Partners Priority Area:</b> Population health	
<b>De.5 IOM Quality Domain:</b> Effectiveness	
<b>De.6 Consumer Care Need:</b> Staying healthy	

CONDITIONS FOR CONSIDERATION BY NQF	
Four conditions must be met before proposed measures may be considered and evaluated for suitability as voluntary consensus standards:	<b>NQF Staff</b>
<b>A.</b> The measure is in the public domain or an intellectual property ( <a href="#">measure steward agreement</a> ) is signed. <i>Public domain only applies to governmental organizations. All non-government organizations must sign a measure steward agreement even if measures are made publicly and freely available.</i> <b>A.1</b> Do you attest that the measure steward holds intellectual property rights to the measure and the right to use aspects of the measure owned by another entity (e.g., risk model, code set)? <b>Yes</b> <b>A.2</b> Indicate if Proprietary Measure (as defined in measure steward agreement): <b>Proprietary measure</b> <b>A.3</b> Measure Steward Agreement: <b>Agreement will be signed and submitted prior to or at the time of measure submission</b> <b>A.4</b> Measure Steward Agreement attached: <a href="#">Ingenix_MeasureStewardAddendum100510.pdf</a>	<b>A</b> <b>Y</b> <input checked="" type="checkbox"/> <b>N</b> <input type="checkbox"/>
<b>B.</b> The measure owner/steward verifies there is an identified responsible entity and process to maintain and	<b>B</b>

update the measure on a schedule that is commensurate with the rate of clinical innovation, but at least every 3 years. <a href="#">Yes, information provided in contact section</a>	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
C. The intended use of the measure includes <u>both</u> public reporting <u>and</u> quality improvement. ► <b>Purpose:</b> <a href="#">Public reporting, Internal quality improvement</a> <a href="#">Accountability, Payment incentive</a>	C Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
D. The requested measure submission information is complete. Generally, measures should be fully developed and tested so that all the evaluation criteria have been addressed and information needed to evaluate the measure is provided. Measures that have not been tested are only potentially eligible for a time-limited endorsement and in that case, measure owners must verify that testing will be completed within 12 months of endorsement. D.1 <b>Testing:</b> <a href="#">Yes, fully developed and tested</a> D.2 <b>Have NQF-endorsed measures been reviewed to identify if there are similar or related measures?</b> <a href="#">Yes</a>	D Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
<b>(for NQF staff use) Have all conditions for consideration been met?</b> Staff Notes to Steward (if submission returned):	Met Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Staff Notes to Reviewers (issues or questions regarding any criteria): 1) Data source for the measure is proprietary; developer will speak to how other data sources can be used. 2) 1b.2: note 73.3% performance on this measure as compared to 90+% performance of other similar measures considered in this project. 3) 2c.2 & 3.: Are analytic Methods and Testing Results satisfactory? 4) 3a.2. SC may want clarification of the public reporting plan.	
Staff Reviewer Name(s): Melinda Murphy	

TAP/Workgroup Reviewer Name: NA	
Steering Committee Reviewer Name:	
<b>1. IMPORTANCE TO MEASURE AND REPORT</b>	
Extent to which the specific measure focus is important to making significant gains in health care quality (safety, timeliness, effectiveness, efficiency, equity, patient-centeredness) and improving health outcomes for a specific high impact aspect of healthcare where there is variation in or overall poor performance. <b>Measures must be judged to be important to measure and report in order to be evaluated against the remaining criteria.</b> ( <a href="#">evaluation criteria</a> ) 1a. High Impact	<a href="#">Eval Rating</a>
<b>(for NQF staff use) Specific NPP goal:</b> Safety	
1a.1 <b>Demonstrated High Impact Aspect of Healthcare:</b> <a href="#">Affects large numbers, Leading cause of morbidity/mortality, Patient/societal consequences of poor quality</a> 1a.2 1a.3 <b>Summary of Evidence of High Impact:</b> <a href="#">Coronary artery bypass graft (CABG) surgery is one of the most common operations performed in the world and accounts for more resources spent in cardiovascular medicine than any other single procedure (1).</a>  <a href="#">Preoperative or early postoperative beta-blocker therapy is recommended for patients without contraindications as standard treatment to reduce atrial fibrillation after CABG surgery. Postoperative atrial fibrillation increases the length of hospitalization after CABG, increases cost, and is associated with a 2- to 3-fold increase in postoperative stroke. Nearly every study of beta-blocker treatment used to reduce atrial fibrillation has show benefit. Stopping beta-blocker medications during the perioperative period doubles the incidence of postoperative atrial fibrillation (1).</a>	1a C <input type="checkbox"/> P <input type="checkbox"/> M <input type="checkbox"/> N <input type="checkbox"/>
1a.4 <b>Citations for Evidence of High Impact:</b> <a href="#">1.ACC/AHA 2004 guideline update for coronary artery bypass</a>	

<p>graft surgery: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Committee to Update the 1999 Guidelines for Coronary Artery Bypass Graft Surgery). Circulation 2004;110(14):e340-437.</p>	
<p><b>1b. Opportunity for Improvement</b></p> <p><b>1b.1 Benefits (improvements in quality) envisioned by use of this measure:</b> This measure identifies patients 18 years of age and older with an isolated CABG procedure who had a beta-blocker medication prescription dispensed while hospitalized, within 7 days of the CABG hospitalization discharge, or had an active beta-blocker medication prescription at the time of the CABG hospitalization. The goal of this measure is to improve CABG surgery outcomes by identifying patients who may be candidates for beta-blocker medications and improve overall compliance to this recommended aspect of care. Beta-blocker treatment has been demonstrated to improve outcomes after CABG surgery, including reduced length of hospitalization, lower cost, and a 2- to 3-fold decrease in postoperative stroke.</p> <p><b>1b.2 Summary of data demonstrating performance gap (variation or overall poor performance) across providers:</b> Using a geographically diverse 15 million member benchmark database (this database represents predominately a commercial population less than 65 year of age) the compliance rate, as defined in this measure, was 73.3 percent. This indicates an opportunity for care improvement.</p> <p><b>1b.3 Citations for data on performance gap:</b> Ingenix EBM Connect benchmark results, October 2010</p> <p><b>1b.4 Summary of Data on disparities by population group:</b> none</p> <p><b>1b.5 Citations for data on Disparities:</b> none</p>	<p>1b</p> <p>C <input type="checkbox"/></p> <p>P <input type="checkbox"/></p> <p>M <input type="checkbox"/></p> <p>N <input type="checkbox"/></p>
<p><b>1c. Outcome or Evidence to Support Measure Focus</b></p> <p><b>1c.1 Relationship to Outcomes (For non-outcome measures, briefly describe the relationship to desired outcome. For outcomes, describe why it is relevant to the target population):</b> This measure identifies patients who have not received a beta-blocker medication after CABG surgery. Although this is a process measure, beta-blocker treatment has been shown to prevent atrial fibrillation and related complications after CABG surgery. Specifically, beta-blocker treatment decreases the incidence of postoperative atrial fibrillation, resulting in reduced length of hospitalization after CABG, lower cost, and a 2- to 3-fold decrease in postoperative stroke.</p> <p>This measure will identify surgeons or surgical centers with low compliance to beta-blocker treatment. Improved compliance to this recommended aspect of care can lead to quality improvement initiatives that improve patient outcomes and reduce overall costs.</p> <p><b>1c.2-3. Type of Evidence:</b> Evidence-based guideline, Randomized controlled trial, Other CMS PQRI</p> <p><b>1c.4 Summary of Evidence (as described in the criteria; for outcomes, summarize any evidence that healthcare services/care processes influence the outcome):</b> Preoperative or early postoperative beta-blocker therapy is recommended for patients without contraindications as standard treatment to reduce atrial fibrillation after CABG surgery. Postoperative atrial fibrillation increases the length of hospitalization after CABG, increases cost, and is associated with a 2- to 3-fold increase in postoperative stroke. Nearly every study of beta-blocker treatment used to reduce atrial fibrillation has show benefit. Stopping beta-blocker medications during the perioperative period doubles the incidence of postoperative atrial fibrillation (1).</p> <p><b>1c.5 Rating of strength/quality of evidence (also provide narrative description of the rating and by whom):</b> Class I, Level of Evidence: B (ACC/AHA 2004 CABG surgery guidelines)</p>	<p>1c</p> <p>C <input type="checkbox"/></p> <p>P <input type="checkbox"/></p> <p>M <input type="checkbox"/></p> <p>N <input type="checkbox"/></p>

**1c.6 Method for rating evidence:** The ACC/AHA guideline recommendation format for classifying indications and summarizing both the evidence and expert opinions is as follows:

#### Classification of Recommendations

Class I: Conditions for which there is evidence for and/or general agreement that the procedure or treatment is useful and effective.

Class II: Conditions for which there is conflicting evidence and/or divergence of opinion about the usefulness/efficacy of a procedure or treatment.

Class IIa: The weight of evidence or opinion is in favor of the procedure or treatment.

Class IIb: Usefulness/efficacy is less well established by evidence or opinion.

Class III: Conditions for which there is evidence and/or general agreement that the procedure or treatment is not useful/effective and in some cases may be harmful.

#### Level of Evidence

Level of Evidence A: Data derived from multiple randomized clinical trials or meta-analyses.

Level of Evidence B: Data derived from a single randomized trial, or nonrandomized studies.

Level of Evidence C: Only consensus opinion of experts, case studies, or standard-of-care.

**1c.7 Summary of Controversy/Contradictory Evidence:** There is no significant controversy regarding this recommendation.

**1c.8 Citations for Evidence (other than guidelines):**

**1c.9 Quote the Specific guideline recommendation (including guideline number and/or page number):** Section 4.1.5 (page e377):

Class I

Preoperative or early postoperative administration of beta-blockers in patients without contraindications should be used as the standard therapy to reduce the incidence and/or clinical sequelae of atrial fibrillation after CABG. (Level of Evidence: B)

**1c.10 Clinical Practice Guideline Citation:** ACC/AHA 2004 guideline update for coronary artery bypass graft surgery: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Committee to Update the 1999 Guidelines for Coronary Artery Bypass Graft Surgery). *Circulation* 2004;110(14):e340-437.

**1c.11 National Guideline Clearinghouse or other URL:** <http://circ.ahajournals.org/>

**1c.12 Rating of strength of recommendation (also provide narrative description of the rating and by whom):**

Class I, Level of Evidence: B (ACC/AHA 2004 CABG surgery guidelines)

**1c.13 Method for rating strength of recommendation (If different from USPSTF system, also describe rating and how it relates to USPSTF):**

The ACC/AHA guideline recommendation format for classifying indications and summarizing both the evidence and expert opinions is as follows:

#### Classification of Recommendations

Class I: Conditions for which there is evidence for and/or general agreement that the procedure or treatment is useful and effective.

Class II: Conditions for which there is conflicting evidence and/or divergence of opinion about the usefulness/efficacy of a procedure or treatment.

Class IIa: The weight of evidence or opinion is in favor of the procedure or treatment.

Class IIb: Usefulness/efficacy is less well established by evidence or opinion.

Class III: Conditions for which there is evidence and/or general agreement that the procedure or treatment is not useful/effective and in some cases may be harmful.

#### Level of Evidence

Level of Evidence A: Data derived from multiple randomized clinical trials or meta-analyses.

Level of Evidence B: Data derived from a single randomized trial, or nonrandomized studies.

<p>Level of Evidence C: Only consensus opinion of experts, case studies, or standard-of-care.</p> <p>This strength of recommendation would be consistent with the following USPSTF classifications:                  Level of Certainty Regarding Net Benefit: High/Moderate                  Grade: A</p> <p><b>1c.14 Rationale for using this guideline over others:</b>                  ACC/AHA is an internationally recognized organization that, with the assistance of cardiovascular experts, has developed this comprehensive guideline for the management of patients undergoing CABG surgery.</p>																					
<p><b>TAP/Workgroup: What are the strengths and weaknesses in relation to the subcriteria for <i>Importance to Measure and Report</i>?</b></p>	1																				
<p><b>Steering Committee: Was the threshold criterion, <i>Importance to Measure and Report</i>, met?</b>                  Rationale:</p>	1 Y <input type="checkbox"/> N <input type="checkbox"/>																				
<b>2. SCIENTIFIC ACCEPTABILITY OF MEASURE PROPERTIES</b>																					
<p>Extent to which the measure, <u>as specified</u>, produces consistent (reliable) and credible (valid) results about the quality of care when implemented. (<a href="#">evaluation criteria</a>)</p>	<a href="#">Eval Rating</a>																				
<b>2a. MEASURE SPECIFICATIONS</b>																					
<p><b>S.1 Do you have a web page where current detailed measure specifications can be obtained?</b>  <b>S.2 If yes, provide web page URL:</b></p> <p><b>2a. Precisely Specified</b></p> <p><b>2a.1 Numerator Statement</b> (<i>Brief, text description of the numerator - what is being measured about the target population, e.g. target condition, event, or outcome</i>):                  Patient(s) who are taking a Beta-blocker at CABG admission date or within seven days of discharge.</p> <p><b>2a.2 Numerator Time Window</b> (<i>The time period in which cases are eligible for inclusion in the numerator</i>):                  90 days prior to the CABG admission date through 7 days after hospital discharge</p> <p><b>2a.3 Numerator Details</b> (<i>All information required to collect/calculate the numerator, including all codes, logic, and definitions</i>):                  The patient must fulfill at least one of the following three criteria:                  1. The patient filled a prescription for a Beta-blocker-containing medication (HEDIS-defined code set RX0228, see attachment at the end of this application, or procedure code set PR0174) during the following time period: CABG admission date through seven days after the hospital discharge                  2. The patient either had a claim with a procedure code for Beta-blocker therapy prescribed (procedure code set PR0174) during the 35 days prior to the CABG admission date, OR, the patient filled one or more prescriptions for a Beta-blocker containing medication (HEDIS-defined code set RX0228, see attached) with the days supplied greater than or equal to the number of days between the fill date on the prescription and the CABG admission date.                  3. The patient had a claim with a procedure code for Beta-blocker at discharge (CMS-defined, PR0378) during the following time period: CABG admission date through seven days after the hospital discharge</p> <table border="0"> <tr> <td>Cd Set</td> <td>Code Set Description</td> <td>Prc Cd</td> <td>Categ</td> <td>Procedure Code Description</td> </tr> <tr> <td>PR0174</td> <td>Beta-blocker therapy prescribed</td> <td></td> <td>4006F CPT</td> <td>Beta-blocker tx prescribed</td> </tr> </table> <table border="0"> <tr> <td>Cd Set</td> <td>Code Set Description</td> <td>Prc Cd</td> <td>Categ</td> <td>Procedure Code Descript</td> </tr> <tr> <td>PR0378</td> <td>Beta-blocker at discharge (CMS)</td> <td>G8582</td> <td>HCPCS</td> <td>Beta-blocker at discharge</td> </tr> </table> <p><b>2a.4 Denominator Statement</b> (<i>Brief, text description of the denominator - target population being measured</i>):                  People hospitalized for an isolated CABG procedure</p>	Cd Set	Code Set Description	Prc Cd	Categ	Procedure Code Description	PR0174	Beta-blocker therapy prescribed		4006F CPT	Beta-blocker tx prescribed	Cd Set	Code Set Description	Prc Cd	Categ	Procedure Code Descript	PR0378	Beta-blocker at discharge (CMS)	G8582	HCPCS	Beta-blocker at discharge	2a-specs C <input type="checkbox"/> P <input type="checkbox"/> M <input type="checkbox"/> N <input type="checkbox"/>
Cd Set	Code Set Description	Prc Cd	Categ	Procedure Code Description																	
PR0174	Beta-blocker therapy prescribed		4006F CPT	Beta-blocker tx prescribed																	
Cd Set	Code Set Description	Prc Cd	Categ	Procedure Code Descript																	
PR0378	Beta-blocker at discharge (CMS)	G8582	HCPCS	Beta-blocker at discharge																	

**2a.5 Target population gender:** Female, Male

**2a.6 Target population age range:** 18 years of age or older on the report start date

**2a.7 Denominator Time Window** (*The time period in which cases are eligible for inclusion in the denominator*):

CABG events are identified 12 months prior to the report period end date through 7 days prior to the report period end date

**2a.8 Denominator Details** (*All information required to collect/calculate the denominator - the target population being measured - including all codes, logic, and definitions*):

1. The patient must have a CABG event defined as follows:

Note: Build multiple events initiated by a CABG procedure during the study window if denominator requirements are met for all events.

During the following time period: 12 months prior to the report period end date through 7 days prior to the report period end date, begin multiple episodes for inpatient encounters based on the inpatient encounter discharge date (Category of Care = Facility Event - Confinement/Admission ) where the confinement includes a claim with a procedure code for Coronary Artery Bypass Graft (code set PR0224). Define an event as the time period from admission to seven days after discharge.

2. Patient must have been continuously enrolled in Medical benefits throughout the event with no breaks in enrollment.

Cd Set Code	Set Description	Prc Cd	Cat	Proc Code	Description
PR0224	Coronary artery bypass graft	33510	CPT	CABG, vein only; single coronary venous graft	
PR0224	Coronary artery bypass graft	33511	CPT	CABG, vein only; 2 coronary venous grafts	
PR0224	Coronary artery bypass graft	33512	CPT	CABG, vein only; 3 coronary venous grafts	
PR0224	Coronary artery bypass graft	33513	CPT	CABG, vein only; 4 coronary venous grafts	
PR0224	Coronary artery bypass graft	33514	CPT	CABG, vein only; 5 coronary venous grafts	
PR0224	Coronary artery bypass graft	33516	CPT	CABG, vein only; 6 or more coronary venous grafts	
PR0224	Coronary artery bypass graft	33517	CPT	CABG using ven& art graft(s); single vein graft	
PR0224	Coronary artery bypass graft	33518	CPT	CABG using ven& art graft(s); 2 venous grafts	
PR0224	Coronary artery bypass graft	33519	CPT	CABG using ven& art graft(s); 3 venous grafts	
PR0224	Coronary artery bypass graft	33521	CPT	CABG using ven& art graft(s); 4 venous grafts	
PR0224	Coronary artery bypass graft	33522	CPT	CABG using ven& art graft(s); 5 venous grafts	
PR0224	Coronary artery bypass graft	33523	CPT	CABG using ven& art graft(s); 6 or more venous grafts	
PR0224	Coronary artery bypass graft	33533	CPT	CABG, using arterial graft(s); single arterial graft	
PR0224	Coronary artery bypass graft	33534	CPT	CABG, using arterial graft(s); 2 coronary arterial grafts	
PR0224	Coronary artery bypass graft	33535	CPT	CABG, using arterial graft(s); 3 coronary arterial grafts	
PR0224	Coronary artery bypass graft	33536	CPT	CABG, using arterial graft(s); 4 or more arterial grafts	

**2a.9 Denominator Exclusions** (*Brief text description of exclusions from the target population*): 1. Exclude patients who were readmitted to an acute or non-acute care facility for any diagnosis within seven days after discharge

2. Exclude the event if the patient died during the admission



3. Exclude the patient if the patient did not have pharmacy benefits throughout the CABG event
4. Exclude patients who had a contraindication to Beta-blockers or were taking Beta-blocker exclusion medications

**2a.10 Denominator Exclusion Details** (All information required to collect exclusions to the denominator, including all codes, logic, and definitions):

1. Exclude patients if, during the seven days after hospital discharge there was a claim for a Facility Event - Confinement/Admission.

Note: Transfer to another acute care facility is considered a readmission and will be excluded.

2. Exclude the event if the patient died during the admission, as evidenced by the discharge status for the admission was Patient Status Indicator equal to 20 (Expired)

3. Exclude patients who did not have continuous enrollment in pharmacy benefits throughout the event (CABG admission date through 7 days after discharge).

4. Exclude patients who had one of the following during the 24 months prior to the end of the report end date: a diagnosis of contraindications to Beta-blockers (diagnosis code set DX0242), or a prescription for a Beta-blocker exclusion medication (HEDIS-defined code set RX0229, see attached), or a procedure code for Beta-blocker contraindicated/not indicated (procedure code set PR0377).

Cd Set Code	Set Description	Dx Cd	Dx Code Description
DX0242	Contraindications to Beta-Blockers	426.0	Atrioventricular block, complete
DX0242	Contraindications to Beta-Blockers	426.12	Mobitz (type) II AV block
DX0242	Contraindications to Beta-Blockers	426.13	Other second degree AV block
DX0242	Contraindications to Beta-Blockers	426.2	Left bundle branch hemiblock
DX0242	Contraindications to Beta-Blockers	426.3	Other left bundle branch block
DX0242	Contraindications to Beta-Blockers	426.4	Right bundle branch block
DX0242	Contraindications to Beta-Blockers	426.51	Right bundle branch block and left post fascicular block
DX0242	Contraindications to Beta-Blockers	426.52	Right bundle branch block and left ant fascicular block
DX0242	Contraindications to Beta-Blockers	426.53	Other bilat bundle branch block
DX0242	Contraindications to Beta-Blockers	426.54	Trifascicular block
DX0242	Contraindications to Beta-Blockers	426.7	Anomalous AV excitation
DX0242	Contraindications to Beta-Blockers	427.81	Sinoatrial node dysfunction
DX0242	Contraindications to Beta-Blockers	458.0	Orthostatic hypotension
DX0242	Contraindications to Beta-Blockers	458.1	Chronic hypotension
DX0242	Contraindications to Beta-Blockers	458.21	Hypotension of hemodialysis
DX0242	Contraindications to Beta-Blockers	458.29	Other iatrogenic hypotension
DX0242	Contraindications to Beta-Blockers	458.8	Other specified hypotension
DX0242	Contraindications to Beta-Blockers	458.9	Unspecified hypotension
DX0242	Contraindications to Beta-Blockers	491.20	Obstruc chronic bronchitis, without exacerbation
DX0242	Contraindications to Beta-Blockers	491.21	Obstruc chronic bronchitis, with (acute) exacerbation
DX0242	Contraindications to Beta-Blockers	491.22	Obstruc chronic bronchitis with acute bronchitis
DX0242	Contraindications to Beta-Blockers	493.00	Extrinsic asthma, unspecified
DX0242	Contraindications to Beta-Blockers	493.01	Extrinsic asthma with status asthmaticus
DX0242	Contraindications to Beta-Blockers	493.02	Extrinsic asthma, with (acute) exacerbation
DX0242	Contraindications to Beta-Blockers	493.10	Intrinsic asthma, unspecified
DX0242	Contraindications to Beta-Blockers	493.11	Intrinsic asthma with status asthmaticus
DX0242	Contraindications to Beta-Blockers	493.12	Intrinsic asthma, with (acute) exacerbation

DX0242 Contraindications to Beta-Blockers 493.21 Chron obstructv asthma, unspec  
 DX0242 Contraindications to Beta-Blockers 493.21 Chronic obstructive asthma  
 with status asthmaticus  
 DX0242 Contraindications to Beta-Blockers 493.22 Chronic obstructive asthma,  
 with (acute) exacerbation  
 DX0242 Contraindications to Beta-Blockers 493.81 Exercise induced bronchospasm  
 DX0242 Contraindications to Beta-Blockers 493.82 Cough variant asthma  
 DX0242 Contraindications to Beta-Blockers 493.90 Asthma, unspec, unspec status  
 DX0242 Contraindications to Beta-Blockers 493.91 Asthma, unspecified with  
 status asthmaticus  
 DX0242 Contraindications to Beta-Blockers 493.92 Asthma, unspecified, with  
 (acute) exacerbation  
 DX0242 Contraindications to Beta-Blockers 496 Chronic airway obstruction,  
 not elsewhere classified  
 DX0242 Contraindications to Beta-Blockers 506.4 Chronic respiratory conditions  
 due to fumes and vapors

Cd Set Code	Set Description	Prc Cd	Categ	Prc Cd	Description
PR0377	Beta-blocker contraindicated/not contraind/not indicated		G8583		HCPCS Beta-blocker

**2a.11 Stratification Details/Variables** (All information required to stratify the measure including the stratification variables, all codes, logic, and definitions):  
 none

**2a.12-13 Risk Adjustment Type:** No risk adjustment necessary

**2a.14 Risk Adjustment Methodology/Variables** (List risk adjustment variables and describe conceptual models, statistical models, or other aspects of model or method):

**2a.15-17 Detailed risk model available Web page URL or attachment:**

**2a.18-19 Type of Score:** Rate/proportion

**2a.20 Interpretation of Score:** Better quality = Lower score

**2a.21 Calculation Algorithm** (Describe the calculation of the measure as a flowchart or series of steps):

1. Exclude members who meet denominator exclusion criteria
2. Assign a YES or NO result to remaining members based on numerator response
3. Rate = YES/[YES+NO]

**2a.22 Describe the method for discriminating performance** (e.g., significance testing):

Over 700 patients met the denominator from a geographically diverse 15 million member benchmark database. Nearly 200 patients did not meet numerator compliance, indicating a significant gap in care. The subsequent compliance rate was 73.3 percent.

**2a.23 Sampling (Survey) Methodology** If measure is based on a sample (or survey), provide instructions for obtaining the sample, conducting the survey and guidance on minimum sample size (response rate):

A 15 million patient population sample was chosen to analyze the potential patient safety gap in care. The sample was derived from more than 60 million patients based on criteria including national geographic representation, commercial health coverage and patient age less than 65.

**2a.24 Data Source** (Check the source(s) for which the measure is specified and tested)

Electronic administrative data/claims, Pharmacy data

**2a.25 Data source/data collection instrument** (Identify the specific data source/data collection instrument, e.g. name of database, clinical registry, collection instrument, etc.):

Our data source is a proprietary Ingenix provider database that includes more than 60 million patients, over multiple years. It includes data from multiple payors. This measure specifically uses the following data from this database: member demographics, ICD-9 codes, revenue codes, CPT codes, place of service, and pharmacy claims.



**2a.26-28 Data source/data collection instrument reference web page URL or attachment:**

**2a.29-31 Data dictionary/code table web page URL or attachment:** Attachment Input Guide\_NQF-634217949489723447.doc

**2a.32-35 Level of Measurement/Analysis** (Check the level(s) for which the measure is specified and tested)

Clinicians: Individual, Clinicians: Group, Facility/Agency, Health Plan, Integrated delivery system, Multi-site/corporate chain, Population: states, Population: counties or cities, Program: Disease management, Program: QIO, Can be measured at all levels

**2a.36-37 Care Settings** (Check the setting(s) for which the measure is specified and tested)

Hospital, Ambulatory Care: Clinic, Ambulatory Care: Emergency Dept, Nursing home (NH) /Skilled Nursing Facility (SNF), Ambulatory Care: Hospital Outpatient, Rehabilitation Facility

**2a.38-41 Clinical Services** (Healthcare services being measured, check all that apply)

Clinicians: Physicians (MD/DO)

**TESTING/ANALYSIS**

**2b. Reliability testing**

**2b.1 Data/sample** (description of data/sample and size): Our data sample included a geographically diverse 15 million member benchmark database. The database represents predominately a commercial population less than 65 year of age. This benchmark database contained service dates 1/1/2007 through 12/31/2009.

**2b.2 Analytic Method** (type of reliability & rationale, method for testing):

Quality assurance of each measure is accomplished through the testing using multiple methods. Types of testing, data samples and volume vary to ensure the integrity of the measure. Rigorous development, analysis and testing processes are deployed for creating measure specifications. Software testing ensures the software is working as designed. Reliability and validity testing of measures is based on differing data samples and volume of members. National benchmarks are created on a large volume set of data representing members throughout the United States. All quality checks for all measure results must have consistent results and meet expected outcomes based on industry knowledge and experience.

Customer Acceptance Testing (CAT) is another important quality process. CAT ensures that the clinical measures are functioning as intended and that they generate accurate results for typical billing patterns. Using actual claims data a team of business analysts, nurses, and health services researchers conducts a detailed analysis of the output. For each clinical condition in the product (e.g., Diabetes Mellitus, Coronary Artery Disease, etc.) there is a set of CAT data with up to 4000 members who satisfy the condition confirmation criteria. This data is extracted from a large (50+ million member) multi-payer benchmark database and contains inpatient, outpatient, pharmacy, and laboratory data. The testing team analyzes claims from individual members and compares the creation of denominators (target population), numerators, and exclusions from this manual review process to output results from the quality measure.

Regression testing is the part of CAT that verifies the reliability of the product across software releases. For a new release the testing team confirms that every unchanged measure produces the same results as in previous releases, accounting for systematic changes to the software (e.g., code updates, logic changes, etc). Regression testing is conducted at multiple points throughout the software development cycle.

**2b.3 Testing Results** (reliability statistics, assessment of adequacy in the context of norms for the test conducted):

Within our data sample, 731 members met the denominator definition for this measure during the measurement year. Of these members, 536 received a beta-blocker medication. The overall compliance rate for this measure was 73.3 percent.

Identical results were produced when this measure was run in the same population during the same time

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<p>period. When this measure was run in similar populations during the same time period, results were comparable (ranging from 70.5 to 75.5 percent).</p>	
<p><b>2c. Validity testing</b></p> <p><b>2c.1 Data/sample</b> (<i>description of data/sample and size</i>): Our data sample included a geographically diverse 15 million member benchmark database. The database represents predominately a commercial population less than 65 year of age. This benchmark database contained service dates 1/1/2007 through 12/31/2009.</p> <p><b>2c.2 Analytic Method</b> (<i>type of validity &amp; rationale, method for testing</i>):          Face Validity Testing (FVT) is the final testing step in the software release cycle. One million members are randomly selected from the large multi-payer benchmark database and their claims data is processed through the software. A systematic, comprehensive review is used to evaluate these FVT results.          1. The Medical Director reviews the results to verify that:          a. Prevalence rates for a condition are comparable to nationally published rates;          b. Compliance rates for a measure are comparable to the rates reported in the published literature or by other national sources. If no comparable sources are available, the rates are judged based on what is clinically reasonable.          2. All results are reviewed for face validity by members of our external physician clinical consultant panel.</p> <p><b>2c.3 Testing Results</b> (<i>statistical results, assessment of adequacy in the context of norms for the test conducted</i>):          No statistical tests are used to interpret our test results.</p>	<p>2c          C <input type="checkbox"/>          P <input type="checkbox"/>          M <input type="checkbox"/>          N <input type="checkbox"/></p>
<p><b>2d. Exclusions Justified</b></p> <p><b>2d.1 Summary of Evidence supporting exclusion(s):</b>          Patients are excluded from this measure if they died during the CABG hospitalization. This is consistent with the CMS PQRI logic (1). In addition, patients are excluded from the denominator if they were readmitted within 7 days of hospital discharge. This recommendation was based on consensus expert opinion from our external consultant panel since readmission within 7 days would overlap with the numerator intervention time period. Finally, patients are excluded if they have a contraindication for beta-blocker therapy (1).</p> <p><b>2d.2 Citations for Evidence:</b>          ACC/AHA 2004 guideline update for coronary artery bypass graft surgery: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Committee to Update the 1999 Guidelines for Coronary Artery Bypass Graft Surgery). Circulation 2004;110(14):e340-437.</p> <p><b>2d.3 Data/sample</b> (<i>description of data/sample and size</i>): Our data sample included a geographically diverse 15 million member benchmark database. The database represents predominately a commercial population less than 65 year of age. This benchmark database contained service dates 1/1/2007 through 12/31/2009.</p> <p><b>2d.4 Analytic Method</b> (<i>type analysis &amp; rationale</i>):          Impact of measure exclusions is included in our FVT testing process and review of benchmark results. A systematic, comprehensive review is used to evaluate these results.          1. The Medical Director reviews the results to verify that:          a. Exclusion rates for a condition and measure are comparable to nationally published rates;          b. Exclusion rates for a measure are comparable to the rates reported in the published literature or by other national sources. If no comparable sources are available, the rates are judged based on what is clinically reasonable.          2. All results are reviewed for face validity by members of our external physician clinical consultant panel.</p> <p><b>2d.5 Testing Results</b> (<i>e.g., frequency, variability, sensitivity analyses</i>):          Within our data sample, 731 members met the denominator definition for this measure during the measurement year. Of these members, 536 received a beta-blocker medication. The overall compliance rate for this measure was 73.3 percent. Approximately 12 percent of members were excluded from the denominator based on criteria summarized in 2d.1.</p>	<p>2d          C <input type="checkbox"/>          P <input type="checkbox"/>          M <input type="checkbox"/>          N <input type="checkbox"/>          NA <input type="checkbox"/></p>
<p><b>2e. Risk Adjustment for Outcomes/ Resource Use Measures</b></p>	<p>2e</p>

<p><b>2e.1 Data/sample</b> (<i>description of data/sample and size</i>): No risk adjustment was applied to this measure.</p> <p><b>2e.2 Analytic Method</b> (<i>type of risk adjustment, analysis, &amp; rationale</i>):</p> <p><b>2e.3 Testing Results</b> (<i>risk model performance metrics</i>):</p> <p><b>2e.4 If outcome or resource use measure is not risk adjusted, provide rationale:</b></p>	<p>C <input type="checkbox"/></p> <p>P <input type="checkbox"/></p> <p>M <input type="checkbox"/></p> <p>N <input type="checkbox"/></p> <p>NA <input type="checkbox"/></p>
<p><b>2f. Identification of Meaningful Differences in Performance</b></p> <p><b>2f.1 Data/sample from Testing or Current Use</b> (<i>description of data/sample and size</i>): Our data sample included a geographically diverse 15 million member benchmark database. The database represents predominately a commercial population less than 65 year of age. This benchmark database contained service dates 1/1/2007 through 12/31/2009.</p> <p><b>2f.2 Methods to identify statistically significant and practically/meaningfully differences in performance</b> (<i>type of analysis &amp; rationale</i>):                  The identification of meaningful differences in performance is included in our FVT testing process and review of benchmark results. A systematic, comprehensive review is used to evaluate these results.                  1. The Medical Director reviews the results to verify that:                  a. Compliance rates are comparable to nationally published rates;                  b. Compliance rates are similar to rates reported in the published literature or by other national sources. If no comparable sources are available, the rates are judged based on what is clinically reasonable.                  c. Compliance rates, based on literature support, indicate a gap in care and opportunity for care improvement.                  2. All results are reviewed for face validity by members of our external physician clinical consultant panel.                   No statistical tests are used to identify meaningful differences in performance.</p> <p><b>2f.3 Provide Measure Scores from Testing or Current Use</b> (<i>description of scores, e.g., distribution by quartile, mean, median, SD, etc.; identification of statistically significant and meaningfully differences in performance</i>):                  Within our data sample, 731 members met the denominator definition for this measure during the measurement year. Of these members, 536 received a beta-blocker medication. The overall compliance rate for this measure was 73.3 percent. When looking at 6 different populations during the same time period, results ranged from 70.5 to 75.5 percent.</p>	<p>2f</p> <p>C <input type="checkbox"/></p> <p>P <input type="checkbox"/></p> <p>M <input type="checkbox"/></p> <p>N <input type="checkbox"/></p>
<p><b>2g. Comparability of Multiple Data Sources/Methods</b></p> <p><b>2g.1 Data/sample</b> (<i>description of data/sample and size</i>): Our testing process does not compare multiple data sources.</p> <p><b>2g.2 Analytic Method</b> (<i>type of analysis &amp; rationale</i>):</p> <p><b>2g.3 Testing Results</b> (<i>e.g., correlation statistics, comparison of rankings</i>):</p>	<p>2g</p> <p>C <input type="checkbox"/></p> <p>P <input type="checkbox"/></p> <p>M <input type="checkbox"/></p> <p>N <input type="checkbox"/></p> <p>NA <input type="checkbox"/></p>
<p><b>2h. Disparities in Care</b></p> <p><b>2h.1 If measure is stratified, provide stratified results</b> (<i>scores by stratified categories/cohorts</i>): Measure is not stratified.</p> <p><b>2h.2 If disparities have been reported/identified, but measure is not specified to detect disparities, provide follow-up plans:</b>                  Does not apply.</p>	<p>2h</p> <p>C <input type="checkbox"/></p> <p>P <input type="checkbox"/></p> <p>M <input type="checkbox"/></p> <p>N <input type="checkbox"/></p> <p>NA <input type="checkbox"/></p>
<p><b>TAP/Workgroup: What are the strengths and weaknesses in relation to the subcriteria for Scientific</b></p>	<p>2</p>

<b>Acceptability of Measure Properties?</b>	
Steering Committee: Overall, to what extent was the criterion, <i>Scientific Acceptability of Measure Properties</i> , met? Rationale:	2 C <input type="checkbox"/> P <input type="checkbox"/> M <input type="checkbox"/> N <input type="checkbox"/>
<b>3. USABILITY</b>	
Extent to which intended audiences (e.g., consumers, purchasers, providers, policy makers) can understand the results of the measure and are likely to find them useful for decision making. ( <a href="#">evaluation criteria</a> )	<a href="#">Eval Rating</a>
<b>3a. Meaningful, Understandable, and Useful Information</b>	
<p><b>3a.1 Current Use:</b> In use</p> <p><b>3a.2 Use in a public reporting initiative (disclosure of performance results to the public at large) (If used in a public reporting initiative, provide name of initiative(s), locations, Web page URL(s). If not publicly reported, state the plans to achieve public reporting within 3 years):</b> Health plans, physicians (individuals and groups), care management, and other vendors/customers are using this on a national level. Customers are able to select their measures depending on their business needs. As such, we do not know which specific measures are used by our customers or are use in public reporting initiatives.</p> <p>Our plan over the next three years is to identify at least two large customers who are using this measure as part of a QI or other program initiative so that we can provide the information requested here.</p> <p><b>3a.3 If used in other programs/initiatives (If used in quality improvement or other programs/initiatives, name of initiative(s), locations, Web page URL(s). If not used for QI, state the plans to achieve use for QI within 3 years):</b> Health plans, physicians (individuals and groups), care management, and other vendors/customers use many of our measures on a national level for quality improvement, disease management, and physician sharing programs. Customers are able to select their measures depending on their business needs. As such, we do not know which specific measures are used by our customers.</p> <p>Our plan over the next three years is to identify at least two large customers who are using this measure as part of a QI or other program initiative so that we can provide the information requested here.</p> <p><b>Testing of Interpretability (Testing that demonstrates the results are understood by the potential users for public reporting and quality improvement)</b></p> <p><b>3a.4 Data/sample (description of data/sample and size):</b> Results are summarized and reported by users/customers depending on their business need - we do not have access to this information. Because of us by multiple users/customers, there is no single data sample, methodology, or public reporting format.</p> <p><b>3a.5 Methods (e.g., focus group, survey, QI project):</b> Survey of two customers</p> <p><b>3a.6 Results (qualitative and/or quantitative results and conclusions):</b> In March 2011, we received the following feedback from customers who have used our quality measures:</p> <p>1. "Ingenix's measures are well-specified both in the detailed specifications as well as in the measure description. They delineate the specific numerator requirements (e.g. services, time frames) as well as details surrounding the denominator (e.g. age, gender, conditions, exclusion specifications). Many other measurement sets from other organizations lack this level of specificity forcing the end-user to speculate as to how it was defined. Ingenix's transparency leads to greater trust in the measurements."</p> <p>2. The Market medical directors and internal staff understand and are comfortable with the Ingenix measures. No physicians have reported concerns about understanding the measures or results. The Ingenix measures are accompanied by extensive documentation that explain measure criteria and results.</p>	
<b>3b/3c. Relation to other NQF-endorsed measures</b>	
	3a C <input type="checkbox"/> P <input type="checkbox"/> M <input type="checkbox"/> N <input type="checkbox"/>

<p><b>3b.1 NQF # and Title of similar or related measures:</b> NQF #117: Beta Blockade at Discharge</p>	
<p><b>(for NQF staff use) Notes on similar/related <u>endorsed</u> or submitted measures:</b></p>	
<p><b>3b. Harmonization</b> If this measure is related to measure(s) already <u>endorsed by NQF</u> (e.g., same topic, but different target population/setting/data source <u>or</u> different topic but same target population): <b>3b.2 Are the measure specifications harmonized? If not, why?</b> Measure specifications are harmonized with respect to denominator definition and criteria.</p>	<p><b>3b</b> C <input type="checkbox"/> P <input type="checkbox"/> M <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/></p>
<p><b>3c. Distinctive or Additive Value</b> <b>3c.1 Describe the distinctive, improved, or additive value this measure provides to existing NQF-endorsed measures:</b> Measure 117, which is currently part of the CMS PQRI program (CMS PQRI measure 170), allows use of G codes only to identify numerator compliance. Also, measure 117 is available for registry reporting only. Our Ingenix measure uses pharmacy claims, in addition to the CMS PQRI G codes, to identify numerator compliance. This use of claims data significantly increases the usability of this measure. It increases the ability to identify gaps in care, support quality improvement programs, and measure provider performance. Finally, our measure is not dependent on voluntary participation in the registry program.</p> <p><b>5.1 If this measure is similar to measure(s) already endorsed by NQF (i.e., on the same topic and the same target population), Describe why it is a more valid or efficient way to measure quality:</b> Measure 117, which is currently part of the CMS PQRI program (CMS PQRI measure 170), allows use of G codes only to identify numerator compliance. Also, measure 117 is available for registry reporting only. Our Ingenix measure uses pharmacy claims, in addition to the CMS PQRI G codes, to identify numerator compliance. This use of claims data significantly increases the usability of this measure. It increases the ability to identify gaps in care, support quality improvement programs, and measure provider performance. Our measure is not dependent on voluntary participation in the registry program.</p>	<p><b>3c</b> C <input type="checkbox"/> P <input type="checkbox"/> M <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/></p>
<p><b>TAP/Workgroup: What are the strengths and weaknesses in relation to the subcriteria for <i>Usability</i>?</b></p>	<p><b>3</b></p>
<p><b>Steering Committee: Overall, to what extent was the criterion, <i>Usability</i>, met?</b> <b>Rationale:</b></p>	<p><b>3</b> C <input type="checkbox"/> P <input type="checkbox"/> M <input type="checkbox"/> N <input type="checkbox"/></p>
<b>4. FEASIBILITY</b>	
<p>Extent to which the required data are readily available, retrievable without undue burden, and can be implemented for performance measurement. (<a href="#">evaluation criteria</a>)</p>	<p><a href="#">Eval</a> <a href="#">Rating</a></p>
<p><b>4a. Data Generated as a Byproduct of Care Processes</b> <b>4a.1-2 How are the data elements that are needed to compute measure scores generated?</b> Coding/abstraction performed by someone other than person obtaining original information (E.g., DRG, ICD-9 codes on claims, chart abstraction for quality measure or registry)</p>	<p><b>4a</b> C <input type="checkbox"/> P <input type="checkbox"/> M <input type="checkbox"/> N <input type="checkbox"/></p>
<p><b>4b. Electronic Sources</b> <b>4b.1 Are all the data elements available electronically?</b> (<i>elements that are needed to compute measure scores are in defined, computer-readable fields, e.g., electronic health record, electronic claims</i>) Yes <b>4b.2 If not, specify the near-term path to achieve electronic capture by most providers.</b></p>	<p><b>4b</b> C <input type="checkbox"/> P <input type="checkbox"/> M <input type="checkbox"/> N <input type="checkbox"/></p>
<p><b>4c. Exclusions</b></p>	<p><b>4c</b> C <input type="checkbox"/></p>

<p><b>4c.1 Do the specified exclusions require additional data sources beyond what is required for the numerator and denominator specifications?</b> No</p> <p><b>4c.2 If yes, provide justification.</b></p>	<p>P <input type="checkbox"/> M <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/></p>
<p><b>4d. Susceptibility to Inaccuracies, Errors, or Unintended Consequences</b></p> <p><b>4d.1 Identify susceptibility to inaccuracies, errors, or unintended consequences of the measure and describe how these potential problems could be audited. If audited, provide results.</b> none anticipated</p>	<p>4d C <input type="checkbox"/> P <input type="checkbox"/> M <input type="checkbox"/> N <input type="checkbox"/></p>
<p><b>4e. Data Collection Strategy/Implementation</b></p> <p><b>4e.1 Describe what you have learned/modified as a result of testing and/or operational use of the measure regarding data collection, availability of data/missing data, timing/frequency of data collection, patient confidentiality, time/cost of data collection, other feasibility/ implementation issues:</b> We have not needed to modify this measure based on test results or use of this measure. Members are excluded from this measure if they do not have pharmacy benefits. This eliminates errors due to pharmacy data incompleteness.</p> <p><b>4e.2 Costs to implement the measure (costs of data collection, fees associated with proprietary measures):</b> We do not have access to this information. This would vary based on the customer/vendor, patient population, and programs/interventions associated with measure use.</p> <p>We have a proprietary database that is used to develop and test our measures; benchmark results are provided to our customers at no extra charge. With respect to measures endorsed by NQF, these measures have been placed in the public domain, consistent with our contractual agreement. Currently, 11 Ingenix measures are endorsed; there is no fee associated with the use of these measures.</p> <p><b>4e.3 Evidence for costs:</b> not available</p> <p><b>4e.4 Business case documentation:</b> not available</p>	<p>4e C <input type="checkbox"/> P <input type="checkbox"/> M <input type="checkbox"/> N <input type="checkbox"/></p>
<p><b>TAP/Workgroup: What are the strengths and weaknesses in relation to the subcriteria for <i>Feasibility</i>?</b></p>	<p>4</p>
<p><b>Steering Committee: Overall, to what extent was the criterion, <i>Feasibility</i>, met?</b> Rationale:</p>	<p>4 C <input type="checkbox"/> P <input type="checkbox"/> M <input type="checkbox"/> N <input type="checkbox"/></p>
<p style="text-align: center;"><b>RECOMMENDATION</b></p>	
<p><b>(for NQF staff use) Check if measure is untested and only eligible for time-limited endorsement.</b></p>	<p>Time-limited <input type="checkbox"/></p>
<p><b>Steering Committee: Do you recommend for endorsement?</b> Comments:</p>	<p>Y <input type="checkbox"/> N <input type="checkbox"/> A <input type="checkbox"/></p>
<p style="text-align: center;"><b>CONTACT INFORMATION</b></p>	
<p><b>Co.1 Measure Steward (Intellectual Property Owner)</b> <b>Co.1 Organization</b> Ingenix, 12125 Technology Drive, Eden Prairie, Minnesota, 55344</p>	



<p><b>Co.2 Point of Contact</b>                  Kay, Schwebke, Medical Director, kay.schwebke@ingenix.com, 952-833-7154-</p>
<p><b>Measure Developer If different from Measure Steward</b>  <b>Co.3 Organization</b>                  Ingenix, 12125 Technology Drive, Eden Prairie, Minnesota, 55344</p>
<p><b>Co.4 Point of Contact</b>                  Kay, Schwebke, Medical Director, kay.schwebke@ingenix.com, 952-833-7154-</p>
<p><b>Co.5 Submitter If different from Measure Steward POC</b>                  Kay, Schwebke, Medical Director, kay.schwebke@ingenix.com, 952-833-7154-, Ingenix</p>
<p><b>Co.6 Additional organizations that sponsored/participated in measure development</b></p>
<p><b>ADDITIONAL INFORMATION</b></p>
<p><b>Workgroup/Expert Panel involved in measure development</b>  <b>Ad.1 Provide a list of sponsoring organizations and workgroup/panel members' names and organizations. Describe the members' role in measure development.</b>                  Our external consultant panel participates in the original literature search process, measure development, code set review, testing review, and maintenance processes. Panel members include the following:</p> <p>NAME &amp; Title Employer/Position                  Alexander, Beth Pharm D, BCPS Assistant Professor, Augsburg College                  Ayenew, Woubeshet, MD Hennepin Faculty Associates; Hennepin County Medical Center                  Becker, Keith, MD Fairview Medical Center                  Betcher, Susan, MD Allina Medical Clinic                  Bruer, Paul, MD Comprehensive Ophthalmology, LLC                  Capecchi, Joseph, MD Allina Medical Clinic                  Giesler, Janell, MD Allina Medical Clinic                  Grabowski, Carol, MD Allina Medical Clinic                  Hansen, Calvin, MD Iowa Health Physicians                  Hargrove, Jody, MD Arthritis and Rheumatology Consultants                  Hermann, Richard, MD Tufts - New England Medical Center                  Jemming, Brian, Pharm D CentraCare Health System                  Kohen, Jeffrey, MD Veterans Affairs Medical Center                  McCarthy, Teresa, MD University of Minnesota, Department of Family Medicine &amp; Community Health                  McEvoy, Charlene, MD, MPH HealthPartners &amp; HealthPartners Research Foundation; Assistant Professor of Medicine, University of Minnesota                  McGee, Deanna, Pharm D, BCPS Retail Pharmacy                  Ogle, Kathleen, MD Hennepin Faculty Associates; Hennepin County Medical Center: Assistant Professor of Medicine, University of Minnesota Medical School                  Peter, Kathleen, MD Park Nicollet Medical Center                  Pieper-Bigelow, Christina, MD Allina Medical Clinic                  Redmon, Bruce, MD University of Minnesota Physicians                  Scharpf, Steven, MD Mountain Valleys Health Centers</p>
<p><b>Ad.2 If adapted, provide name of original measure:</b>  <b>Ad.3-5 If adapted, provide original specifications URL or attachment</b></p>
<p><b>Measure Developer/Steward Updates and Ongoing Maintenance</b>  <b>Ad.6 Year the measure was first released:</b> 2006  <b>Ad.7 Month and Year of most recent revision:</b> 11, 2009  <b>Ad.8 What is your frequency for review/update of this measure?</b> every three years at minimum  <b>Ad.9 When is the next scheduled review/update for this measure?</b> 11, 2012</p>
<p><b>Ad.10 Copyright statement/disclaimers:</b> The information in this document is subject to change without notice.</p>

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**Ad.11 -13 Additional Information web page URL or attachment:** Attachment Beta-blocker RX code sets.xls

**Date of Submission (MM/DD/YY):** 03/25/2011

NDC Code	Brand Name	Generic Product Name	Route	Category
00003020776	Corgard	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00003024176	Corgard	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00005323423	Ziac	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00005323538	Ziac	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00005323823	Ziac	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00006043768	Blocadren	timolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00007337013	Coreg CR	carvedilol 10 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00007337059	Coreg CR	carvedilol 10 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00007337113	Coreg CR	carvedilol 20 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00007337159	Coreg CR	carvedilol 20 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00007337213	Coreg CR	carvedilol 40 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00007337259	Coreg CR	carvedilol 40 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00007337313	Coreg CR	carvedilol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00007337359	Coreg CR	carvedilol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00007413920	Coreg	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
00007414020	Coreg	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
00007414120	Coreg	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
00007414220	Coreg	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
00024230020	Kerlone	betaxolol 20 mg oral tablet	oral	cardioselective beta-blockers
00024230110	Kerlone	betaxolol 10 mg oral tablet	oral	cardioselective beta-blockers
00025510131	Kerlone	betaxolol 10 mg oral tablet	oral	cardioselective beta-blockers
00025520131	Kerlone	betaxolol 20 mg oral tablet	oral	cardioselective beta-blockers
00028003501	Lopressor HCT	hydrochlorothiazide-metoprolol 25 mg-50 mg oral tablet	oral	antihypertensive combinations
00028005101	Lopressor	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00028005110	Lopressor	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00028005301	Lopressor HCT	hydrochlorothiazide-metoprolol 25 mg-100 mg oral tablet	oral	antihypertensive combinations
00028007101	Lopressor	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00028007110	Lopressor	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00028007301	Lopressor HCT	hydrochlorothiazide-metoprolol 50 mg-100 mg oral tablet	oral	antihypertensive combinations
00046042181	Inderal	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00046042195	Inderal	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00046042281	Inderal	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00046042295	Inderal	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00046042481	Inderal	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00046042495	Inderal	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00046042681	Inderal	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
00046042881	Inderal	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00046042895	Inderal	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00046047081	Inderal LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00046047181	Inderal LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00046047381	Inderal LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00046047981	Inderal LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00046048481	Inderide	hydrochlorothiazide-propranolol 25 mg-40 mg oral tablet	oral	antihypertensive combinations
00046048881	Inderide	hydrochlorothiazide-propranolol 25 mg-80 mg oral tablet	oral	antihypertensive combinations
00054372763	Propranolol Hydrochloride	propranolol 20 mg/5 mL oral solution	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
00054373063	Propranolol Hydrochloride	propranolol 40 mg/5 mL oral solution	oral	noncardioselective beta-blockers
00054876416	Propranolol Hydrochloride	propranolol 20 mg/5 mL oral solution	oral	noncardioselective beta-blockers
00074166413	Cartrol	carteolol 2.5 mg oral tablet	oral	noncardioselective beta-blockers
00074166513	Cartrol	carteolol 5 mg oral tablet	oral	noncardioselective beta-blockers
00078045805	Lopressor	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00078045809	Lopressor	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00078045905	Lopressor	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00078045909	Lopressor	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00078046005	Lopressor HCT	hydrochlorothiazide-metoprolol 25 mg-50 mg oral tablet	oral	antihypertensive combinations
00078046105	Lopressor HCT	hydrochlorothiazide-metoprolol 25 mg-100 mg oral tablet	oral	antihypertensive combinations
00078046205	Lopressor HCT	hydrochlorothiazide-metoprolol 50 mg-100 mg oral tablet	oral	antihypertensive combinations
00085024404	Normodyne	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00085024405	Normodyne	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00085024407	Normodyne	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00085024408	Normodyne	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00085043803	Normodyne	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
00085043805	Normodyne	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
00085043806	Normodyne	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
00085075204	Normodyne	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00085075205	Normodyne	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00085075207	Normodyne	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00085075208	Normodyne	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00091450015	Levitol	penbutolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00093005101	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
00093005105	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
00093013501	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
00093013505	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
00093073301	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00093073310	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00093073401	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00093073410	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00093075201	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00093075210	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00093075301	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00093075305	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00093078701	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00093078710	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00093106001	Sotalol Hydrochloride	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
00093106101	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
00093106201	Sotalol Hydrochloride	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
00093106301	Sotalol Hydrochloride	sotalol 240 mg oral tablet	oral	noncardioselective beta-blockers
00093423501	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00093423601	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00093423701	Nadolol	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00093527056	Bisoprolol Fumarate	bisoprolol 5 mg oral tablet	oral	cardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
00093527156	Bisoprolol Fumarate	bisoprolol 10 mg oral tablet	oral	cardioselective beta-blockers
00093729501	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
00093729505	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
00093729601	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
00093729605	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
00093740106	Sotalol Hydrochloride AF	sotalol AF 80 mg oral tablet	oral	noncardioselective beta-blockers
00093740206	Sotalol Hydrochloride AF	sotalol AF 120 mg oral tablet	oral	noncardioselective beta-blockers
00093740306	Sotalol Hydrochloride AF	sotalol AF 160 mg oral tablet	oral	noncardioselective beta-blockers
00115271101	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
00115272201	Sotalol Hydrochloride	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
00115273301	Sotalol Hydrochloride	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
00115274401	Sotalol Hydrochloride	sotalol 240 mg oral tablet	oral	noncardioselective beta-blockers
00115531101	Bendroflumethiazide-Nadolol	bendroflumethiazide-nadolol 5 mg-40 mg oral tablet	oral	antihypertensive combinations
00115532201	Bendroflumethiazide-Nadolol	bendroflumethiazide-nadolol 5 mg-80 mg oral tablet	oral	antihypertensive combinations
00172421760	Pindolol	pindolol 5 mg oral tablet	oral	noncardioselective beta-blockers
00172421860	Pindolol	pindolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00172423560	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00172423570	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00172423660	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00172423760	Nadolol	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00172423860	Nadolol	nadolol 120 mg oral tablet	oral	noncardioselective beta-blockers
00172423960	Nadolol	nadolol 160 mg oral tablet	oral	noncardioselective beta-blockers
00172436460	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00172436470	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00172436560	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00172436570	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00172436660	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
00182181289	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00182181389	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00182181489	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00182181589	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00182183301	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-40 mg oral tablet	oral	antihypertensive combinations
00182183401	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-80 mg oral tablet	oral	antihypertensive combinations
00182192601	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00182192701	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00182192801	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00182192901	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers



NDC Code	Brand Name	Generic Product Name	Route	Category
00182194301	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
00182196601	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00182196610	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00182196701	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00182196710	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00182198701	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00182198710	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00182198810	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00182820200	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00182820289	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00182820300	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00182820389	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00182823500	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00182823589	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00182823600	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00182823689	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00185001001	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00185001005	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00185011701	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00185011705	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00185011801	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
00185011805	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
00185017001	Sotalol Hydrochloride	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
00185017101	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
00185017105	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
00185017401	Sotalol Hydrochloride	sotalol 240 mg oral tablet	oral	noncardioselective beta-blockers
00185017701	Sotalol Hydrochloride	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
00185028101	Metoprolol Succinate ER	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
00185028110	Metoprolol Succinate ER	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
00185028201	Metoprolol Succinate ER	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
00185028210	Metoprolol Succinate ER	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
00185028301	Metoprolol Succinate ER	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
00185028310	Metoprolol Succinate ER	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
00185028401	Metoprolol Succinate ER	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
00185028410	Metoprolol Succinate ER	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
00185070101	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00185070105	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00185070130	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00185070401	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00185070405	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations



NDC Code	Brand Name	Generic Product Name	Route	Category
00185070430	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00185070701	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00185070705	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00185070730	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00185077101	Bisoprolol Fumarate	bisoprolol 5 mg oral tablet	oral	cardioselective beta-blockers
00185077130	Bisoprolol Fumarate	bisoprolol 5 mg oral tablet	oral	cardioselective beta-blockers
00185077401	Bisoprolol Fumarate	bisoprolol 10 mg oral tablet	oral	cardioselective beta-blockers
00185077430	Bisoprolol Fumarate	bisoprolol 10 mg oral tablet	oral	cardioselective beta-blockers
00186108805	Toprol-XL	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
00186108839	Toprol-XL	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
00186109005	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
00186109039	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
00186109205	Toprol-XL	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
00186109239	Toprol-XL	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
00186109405	Toprol-XL	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
00186730005	Metoprolol Succinate ER	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
00186730105	Metoprolol Succinate ER	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
00186730205	Metoprolol Succinate ER	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
00186730305	Metoprolol Succinate ER	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
00223255001	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00223255002	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00223255101	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00223255102	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00223255201	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00223255202	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00223255301	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
00223255302	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
00223255401	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00223255402	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00228217511	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
00228217611	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
00228217711	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
00228217811	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
00228232710	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00228232750	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00228232910	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00228232996	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00228233110	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00228233150	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00228235810	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-40 mg oral tablet	oral	antihypertensive combinations

NDC Code	Brand Name	Generic Product Name	Route	Category
00228235850	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-40 mg oral tablet	oral	antihypertensive combinations
00228236010	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-80 mg oral tablet	oral	antihypertensive combinations
00228236096	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-80 mg oral tablet	oral	antihypertensive combinations
00228253410	Pindolol	pindolol 5 mg oral tablet	oral	noncardioselective beta-blockers
00228253510	Pindolol	pindolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00228255410	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00228255450	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00228255496	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00228255510	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00228255550	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00228255596	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00228265010	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00228265110	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00228265203	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00228277811	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00228277850	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00228277911	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00228277950	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00228278011	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00228278050	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00228278111	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00228278150	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00245001201	Sorine	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
00245001211	Sorine	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
00245001289	Sorine	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
00245001301	Sorine	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
00245001311	Sorine	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
00245001389	Sorine	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
00245001401	Sorine	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
00245001411	Sorine	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
00245001489	Sorine	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
00245001501	Sorine	sotalol 240 mg oral tablet	oral	noncardioselective beta-blockers
00245001511	Sorine	sotalol 240 mg oral tablet	oral	noncardioselective beta-blockers
00245001589	Sorine	sotalol 240 mg oral tablet	oral	noncardioselective beta-blockers
00245008410	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00245008411	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00245008510	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00245008511	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00245008610	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00245008611	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00245008710	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00245008711	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00247101200	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00247101230	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00247104430	Corgard	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00247104460	Corgard	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00247105004	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00247105030	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00247105052	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00247105059	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00247105060	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00247105100	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00247105130	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00247105160	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00247105199	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00247105230	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-40 mg oral tablet	oral	antihypertensive combinations
00247105245	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-40 mg oral tablet	oral	antihypertensive combinations
00247106500	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00247106530	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00247106560	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00247106577	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00247106590	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00247107200	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00247107206	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00247107214	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00247107230	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
00247107260	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00247107290	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00247111914	Lopressor	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00247111930	Lopressor	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00247111952	Lopressor	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00247111960	Lopressor	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00247112030	Lopressor	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00247112060	Lopressor	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00247112130	Lopressor HCT	hydrochlorothiazide-metoprolol 25 mg-50 mg oral tablet	oral	antihypertensive combinations
00247112160	Lopressor HCT	hydrochlorothiazide-metoprolol 25 mg-50 mg oral tablet	oral	antihypertensive combinations
00247112230	Lopressor HCT	hydrochlorothiazide-metoprolol 25 mg-100 mg oral tablet	oral	antihypertensive combinations
00247112260	Lopressor HCT	hydrochlorothiazide-metoprolol 25 mg-100 mg oral tablet	oral	antihypertensive combinations
00247112330	Lopressor HCT	hydrochlorothiazide-metoprolol 50 mg-100 mg oral tablet	oral	antihypertensive combinations
00247112360	Lopressor HCT	hydrochlorothiazide-metoprolol 50 mg-100 mg oral tablet	oral	antihypertensive combinations
00247113330	Normodyne	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00247113360	Normodyne	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00247113430	Normodyne	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00247113460	Normodyne	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00247114602	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00247114607	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00247114630	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00247114660	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00247127300	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00247127330	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00247127379	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00247127399	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00247127400	Toprol-XL	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
00247127460	Toprol-XL	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
00247138420	Sectral	acebutolol 200 mg oral capsule	oral	cardioselective beta-blockers
00247163430	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00247167130	Ziac	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00247167230	Ziac	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00247167330	Ziac	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00247180100	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00247180130	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00247180160	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00247180177	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00247180190	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00247180200	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00247180230	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00247180260	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00247180277	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00247180290	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00247180300	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
00247180330	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
00247180360	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
00247180377	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
00247180390	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
00247188700	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00247188730	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00247188760	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00247188777	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00247188790	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00247188800	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00247188830	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00247188860	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00247188877	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00247188890	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00247188900	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00247188930	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00247188960	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00247188977	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00247188990	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00247192300	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00247192360	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00247207630	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00247207660	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00247233100	Coreg	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
00247233130	Coreg	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
00247233160	Coreg	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
00247233177	Coreg	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
00247233190	Coreg	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
00247233200	Coreg	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers



NDC Code	Brand Name	Generic Product Name	Route	Category
00247233230	Coreg	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
00247233260	Coreg	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
00247233277	Coreg	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
00247233290	Coreg	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
00247233300	Coreg	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
00247233330	Coreg	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
00247233360	Coreg	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
00247233377	Coreg	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
00247233390	Coreg	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
00247233400	Coreg	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
00247233430	Coreg	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
00247233460	Coreg	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
00247233477	Coreg	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
00247233490	Coreg	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
00310010110	Tenormin	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00310010510	Tenormin	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00310010710	Tenormin	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00310011510	Tenoretic 50	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
00310011710	Tenoretic 100	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
00339531512	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00339531712	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00339531912	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00339532012	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
00339532112	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00339575312	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00339575512	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00339575712	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00339575912	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00364075601	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00364075602	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00364075701	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00364075702	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00364075801	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00364075802	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00364235901	Timolol Maleate	timolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00364251301	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00364251302	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00364251390	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00364251401	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00364251490	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00364252701	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations



NDC Code	Brand Name	Generic Product Name	Route	Category
00364252801	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
00378001801	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
00378001805	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
00378001891	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
00378002801	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00378003201	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00378003210	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00378004701	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00378004710	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00378005201	Pindolol	pindolol 5 mg oral tablet	oral	noncardioselective beta-blockers
00378005501	Timolol Maleate	timolol 5 mg oral tablet	oral	noncardioselective beta-blockers
00378009601	Bendroflumethiazide-Nadolol	bendroflumethiazide-nadolol 5 mg-40 mg oral tablet	oral	antihypertensive combinations
00378009901	Bendroflumethiazide-Nadolol	bendroflumethiazide-nadolol 5 mg-80 mg oral tablet	oral	antihypertensive combinations
00378012701	Pindolol	pindolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00378018201	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00378018210	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00378018301	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00378018310	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00378018401	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00378018410	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00378018501	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00378018505	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00378021801	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00378021810	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00378022101	Timolol Maleate	timolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00378023101	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00378023110	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00378030501	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
00378031001	Sotalol Hydrochloride	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
00378031401	Sotalol Hydrochloride	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
00378034701	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-80 mg oral tablet	oral	antihypertensive combinations
00378042401	Hydrochlorothiazide-Metoprolol	hydrochlorothiazide-metoprolol 25 mg-50 mg oral tablet	oral	antihypertensive combinations
00378043401	Hydrochlorothiazide-Metoprolol	hydrochlorothiazide-metoprolol 25 mg-100 mg oral tablet	oral	antihypertensive combinations
00378044501	Hydrochlorothiazide-Metoprolol	hydrochlorothiazide-metoprolol 50 mg-100 mg oral tablet	oral	antihypertensive combinations
00378050101	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00378050110	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations

NDC Code	Brand Name	Generic Product Name	Route	Category
00378050301	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00378050310	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00378050501	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00378050505	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00378052301	Bisoprolol Fumarate	bisoprolol 5 mg oral tablet	oral	cardioselective beta-blockers
00378052393	Bisoprolol Fumarate	bisoprolol 5 mg oral tablet	oral	cardioselective beta-blockers
00378052401	Bisoprolol Fumarate	bisoprolol 10 mg oral tablet	oral	cardioselective beta-blockers
00378052493	Bisoprolol Fumarate	bisoprolol 10 mg oral tablet	oral	cardioselective beta-blockers
00378071501	Timolol Maleate	timolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00378073101	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-40 mg oral tablet	oral	antihypertensive combinations
00378075701	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00378075710	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00378075793	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00378113201	Nadolol	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00378113210	Nadolol	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00378117101	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00378117110	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00378120001	Acebutolol Hydrochloride	acebutolol 200 mg oral capsule	oral	cardioselective beta-blockers
00378140001	Acebutolol Hydrochloride	acebutolol 400 mg oral capsule	oral	cardioselective beta-blockers
00378206301	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
00378206401	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
00378206493	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
00378363101	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
00378363105	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
00378363201	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
00378363205	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
00378363301	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
00378363305	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
00378363401	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
00378363405	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
00378512301	Sotalol Hydrochloride AF	sotalol AF 80 mg oral tablet	oral	noncardioselective beta-blockers
00378512401	Sotalol Hydrochloride AF	sotalol AF 120 mg oral tablet	oral	noncardioselective beta-blockers
00378512501	Sotalol Hydrochloride AF	sotalol AF 160 mg oral tablet	oral	noncardioselective beta-blockers
00378616001	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00378616005	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00378618001	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
00378618005	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00378622001	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00378622005	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00378626001	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00378626005	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00406202201	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00406202210	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00406202301	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00406202310	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00406202401	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00406202410	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00456140201	Bystolic	nebivolol 2.5 mg oral tablet	oral	cardioselective beta-blockers
00456140230	Bystolic	nebivolol 2.5 mg oral tablet	oral	cardioselective beta-blockers
00456140263	Bystolic	nebivolol 2.5 mg oral tablet	oral	cardioselective beta-blockers
00456140501	Bystolic	nebivolol 5 mg oral tablet	oral	cardioselective beta-blockers
00456140530	Bystolic	nebivolol 5 mg oral tablet	oral	cardioselective beta-blockers
00456140563	Bystolic	nebivolol 5 mg oral tablet	oral	cardioselective beta-blockers
00456141001	Bystolic	nebivolol 10 mg oral tablet	oral	cardioselective beta-blockers
00456141030	Bystolic	nebivolol 10 mg oral tablet	oral	cardioselective beta-blockers
00456141063	Bystolic	nebivolol 10 mg oral tablet	oral	cardioselective beta-blockers
00456142001	Bystolic	nebivolol 20 mg oral tablet	oral	cardioselective beta-blockers
00456142030	Bystolic	nebivolol 20 mg oral tablet	oral	cardioselective beta-blockers
00490005300	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00490005330	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00490005360	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00490005390	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00536333201	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
00536424701	Nadolol	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00536491202	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00536563901	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00555042705	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-40 mg oral tablet	oral	antihypertensive combinations
00591046201	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00591046210	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00591046301	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
00591046310	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00591060501	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00591060505	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00591060601	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00591060605	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00591060701	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
00591084101	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00591084105	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00591084201	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00591084205	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00591084301	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00591084330	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00591555401	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00591555410	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00591555501	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00591555510	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00591555601	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00591555610	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00591555701	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00591555705	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00591577701	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00591577710	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00591577801	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00591578201	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
00591578301	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
00603462832	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00603549228	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
00603549721	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00603549821	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00603549921	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00603550021	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00603576921	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
00603576928	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
00603577021	Sotalol Hydrochloride	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
00603577121	Sotalol Hydrochloride	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
00603577221	Sotalol Hydrochloride	sotalol 240 mg oral tablet	oral	noncardioselective beta-blockers
00603607121	Timolol Maleate	timolol 5 mg oral tablet	oral	noncardioselective beta-blockers
00603607221	Timolol Maleate	timolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00615256143	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00615256153	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00615256163	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00615256213	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00615256253	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00615256263	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00615256353	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00615256363	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00615350613	Pindolol	pindolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00615353243	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00615353253	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00615353263	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00615354443	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00615354453	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00615354463	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00615354713	Pindolol	pindolol 5 mg oral tablet	oral	noncardioselective beta-blockers
00615355213	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00615355253	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00615355263	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00615355353	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00615355363	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00677104210	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00677104310	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00677104405	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00677110701	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-80 mg oral tablet	oral	antihypertensive combinations
00677136401	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00677136501	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00677136601	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00677147801	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00677147810	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00677147901	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00677147910	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00677148001	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
00677148101	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
00677148201	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00677148210	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00677148301	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00677148310	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers



NDC Code	Brand Name	Generic Product Name	Route	Category
00677163301	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00677170101	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00677170105	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00677170201	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00677170205	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00677170301	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
00677170305	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
00677170905	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
00677170906	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
00677170907	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
00677171001	Sotalol Hydrochloride	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
00677171005	Sotalol Hydrochloride	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
00677171006	Sotalol Hydrochloride	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
00677171101	Sotalol Hydrochloride	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
00677171105	Sotalol Hydrochloride	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
00677171106	Sotalol Hydrochloride	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
00677171201	Sotalol Hydrochloride	sotalol 240 mg oral tablet	oral	noncardioselective beta-blockers
00677171205	Sotalol Hydrochloride	sotalol 240 mg oral tablet	oral	noncardioselective beta-blockers
00677171206	Sotalol Hydrochloride	sotalol 240 mg oral tablet	oral	noncardioselective beta-blockers
00677171207	Sotalol Hydrochloride	sotalol 240 mg oral tablet	oral	noncardioselective beta-blockers
00677189301	Sotalol Hydrochloride AF	sotalol AF 80 mg oral tablet	oral	noncardioselective beta-blockers
00677189306	Sotalol Hydrochloride AF	sotalol AF 80 mg oral tablet	oral	noncardioselective beta-blockers
00677189401	Sotalol Hydrochloride AF	sotalol AF 120 mg oral tablet	oral	noncardioselective beta-blockers
00677189406	Sotalol Hydrochloride AF	sotalol AF 120 mg oral tablet	oral	noncardioselective beta-blockers
00677189501	Sotalol Hydrochloride AF	sotalol AF 160 mg oral tablet	oral	noncardioselective beta-blockers
00677189506	Sotalol Hydrochloride AF	sotalol AF 160 mg oral tablet	oral	noncardioselective beta-blockers
00781107801	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00781107810	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00781112601	Timolol Maleate	timolol 5 mg oral tablet	oral	noncardioselective beta-blockers
00781118101	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00781118110	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00781118192	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00781118201	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00781118210	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00781118292	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00781118301	Nadolol	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00781122301	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00781122310	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00781122801	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00781122810	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00781131501	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
00781131601	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
00781135413	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00781136413	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00781137113	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers



NDC Code	Brand Name	Generic Product Name	Route	Category
00781137213	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00781138405	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00781143101	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-40 mg oral tablet	oral	antihypertensive combinations
00781143201	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-80 mg oral tablet	oral	antihypertensive combinations
00781150601	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00781150610	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00781150701	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00781150710	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00781182401	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00781183301	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00781184101	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
00781206101	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00781522101	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
00781522201	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
00781522301	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
00781522401	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
00904041161	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00904041461	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00904041640	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
00904041660	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
00904041840	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00904041860	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00904041861	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00904042160	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00904042260	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00904042360	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00904042460	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00904043860	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-80 mg oral tablet	oral	antihypertensive combinations
00904340860	Timolol Maleate	timolol 5 mg oral tablet	oral	noncardioselective beta-blockers
00904340960	Timolol Maleate	timolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00904506960	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00904507060	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00904507160	Nadolol	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00904539260	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
00904539261	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
00904587061	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
00904587161	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
00904587261	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
00904587361	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
00904589061	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
00904592861	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
00904592961	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
00904593061	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
00904594761	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00904594861	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00904594961	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00904595061	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
00904603360	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00904603361	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00904603380	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00904603460	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00904603461	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00904603480	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00904763460	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00904763461	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00904763480	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
00904763560	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00904763561	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
00904777260	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00904777261	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00904777280	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00904777360	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00904777361	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00904777380	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00904781660	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
00904781760	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
00904781860	Nadolol	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
00904782060	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00904782080	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00904782160	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00904782180	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00904788160	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
00904789360	Pindolol	pindolol 5 mg oral tablet	oral	noncardioselective beta-blockers
00904789460	Pindolol	pindolol 10 mg oral tablet	oral	noncardioselective beta-blockers
00904794660	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
00904794680	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
00904794760	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
00904794780	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
10702001301	Betaxolol Hydrochloride	betaxolol 10 mg oral tablet	oral	cardioselective beta-blockers
10702001401	Betaxolol Hydrochloride	betaxolol 20 mg oral tablet	oral	cardioselective beta-blockers
12280004900	Toprol-XL	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
12280005000	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
12280005015	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
12280005030	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
12280014500	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
12280017200	Toprol-XL	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
12280017230	Toprol-XL	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
12280030315	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
12280030330	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
12280037600	Coreg	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
12280037630	Coreg	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
12280040330	Coreg CR	carvedilol 10 mg oral capsule, extended release	oral	noncardioselective beta-blockers
12280040430	Coreg CR	carvedilol 20 mg oral capsule, extended release	oral	noncardioselective beta-blockers
12280040530	Coreg CR	carvedilol 40 mg oral capsule, extended release	oral	noncardioselective beta-blockers
12280040630	Coreg CR	carvedilol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
13411016901	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
13411016903	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
13411016906	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
13411016909	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
13411016910	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
13411017601	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
13411017603	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
13411017606	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
13411017609	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
13411017610	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
15330002501	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
15330002510	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
15330002801	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
15330002810	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
15330002901	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
15330002910	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
15330020801	Sotalol Hydrochloride AF	sotalol AF 80 mg oral tablet	oral	noncardioselective beta-blockers
15330020901	Sotalol Hydrochloride AF	sotalol AF 120 mg oral tablet	oral	noncardioselective beta-blockers
15330021001	Sotalol Hydrochloride AF	sotalol AF 160 mg oral tablet	oral	noncardioselective beta-blockers
16590013230	InnoPran XL	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
16590013260	InnoPran XL	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
16590013330	InnoPran XL	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
16590013360	InnoPran XL	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
16714002104	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
16714002106	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
16714002204	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
16714002206	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
16714002304	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
16714002306	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
16714002404	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
16714002504	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
16714002505	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
21695029130	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
21695029830	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
21695029900	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
21695029930	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
21695039730	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
21695066960	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
23155011001	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
23155011010	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
23155011101	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
23155011110	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
23155011201	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
23155011301	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
23155011401	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
23155011405	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
23490509601	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
23490509602	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
23490509603	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
23490509701	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
23490509702	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
23490509703	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
23490509801	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
23490509802	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
23490592000	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
23490592001	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
23490592101	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
23490592102	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
23490620303	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
23490620306	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
23490620309	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
23490650303	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
23490650403	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
23490650406	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations

NDC Code	Brand Name	Generic Product Name	Route	Category
23490650409	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
23490786103	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
23490936903	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
23490936906	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
23490937003	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
23490937006	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
23490937103	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
23490937106	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
23490937203	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
23490937206	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
23629000101	Acebutolol Hydrochloride	acebutolol 200 mg oral capsule	oral	cardioselective beta-blockers
23629003901	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
23629004101	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
23629039001	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
23629041001	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
24090047088	Inderal LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
24090047188	Inderal LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
24090047388	Inderal LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
24090047988	Inderal LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
33358019230	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
33358019330	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
33358019430	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
33358024200	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
33358024230	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
33358024260	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
33358024290	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
33358024300	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
33358024330	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
43063000601	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
43063012593	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
43063012693	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
43063012793	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
43063012993	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
43063013330	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
43063013490	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
43063013590	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
43063063090	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
43478090088	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers



NDC Code	Brand Name	Generic Product Name	Route	Category
43478090188	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
43478090288	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
43478090388	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
49884028201	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
49884028210	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
49884032801	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
49884032810	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
49884032901	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
49884032910	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
49884033001	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
49884033010	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
49884040401	Metoprolol Succinate ER	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
49884040410	Metoprolol Succinate ER	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
49884040501	Metoprolol Succinate ER	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
49884040510	Metoprolol Succinate ER	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
49884040601	Metoprolol Succinate ER	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
49884040610	Metoprolol Succinate ER	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
49884040701	Metoprolol Succinate ER	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
49884040710	Metoprolol Succinate ER	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
49884041201	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
49884041210	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
49884041301	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
49884041310	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
49884044201	Pindolol	pindolol 5 mg oral tablet	oral	noncardioselective beta-blockers
49884044301	Pindolol	pindolol 10 mg oral tablet	oral	noncardioselective beta-blockers
49884045601	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
49884045610	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
49884045701	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
49884045710	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
49884058201	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers



NDC Code	Brand Name	Generic Product Name	Route	Category
49884058210	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
49884058301	Sotalol Hydrochloride	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
49884058310	Sotalol Hydrochloride	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
49884058401	Sotalol Hydrochloride	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
49884058410	Sotalol Hydrochloride	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
49884058501	Sotalol Hydrochloride	sotalol 240 mg oral tablet	oral	noncardioselective beta-blockers
49884058510	Sotalol Hydrochloride	sotalol 240 mg oral tablet	oral	noncardioselective beta-blockers
49884058701	Acebutolol Hydrochloride	acebutolol 200 mg oral capsule	oral	cardioselective beta-blockers
49884058801	Acebutolol Hydrochloride	acebutolol 400 mg oral capsule	oral	cardioselective beta-blockers
49884094401	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
49884094410	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
49999001000	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
49999001030	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
49999001060	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
49999010400	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
49999010430	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
49999010460	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
49999017800	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
49999017830	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
49999020130	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
49999020230	Nadolol	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
49999020330	Nadolol	nadolol 160 mg oral tablet	oral	noncardioselective beta-blockers
49999022600	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
49999022630	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
49999022660	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
49999028660	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
49999045400	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
49999045410	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
49999045430	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
49999048230	Toprol-XL	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
49999048300	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
49999048330	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
49999048400	Toprol-XL	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
49999048430	Toprol-XL	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
49999051230	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
49999055590	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
49999057510	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
49999057520	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
49999057530	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
49999057720	Coreg	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
49999086600	Bisoprolol Fumarate	bisoprolol 5 mg oral tablet	oral	cardioselective beta-blockers
49999087230	Coreg	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
49999093830	Coreg	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
49999093930	Coreg	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
49999099600	Toprol-XL	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
50111046701	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
50111046703	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
50111046801	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
50111046803	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
50111046901	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
50111046903	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
50111047001	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
50111047101	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
50111047102	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
50111047301	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-40 mg oral tablet	oral	antihypertensive combinations
50111047302	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-40 mg oral tablet	oral	antihypertensive combinations
50111047401	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-80 mg oral tablet	oral	antihypertensive combinations
50111047402	Hydrochlorothiazide-Propranolol	hydrochlorothiazide-propranolol 25 mg-80 mg oral tablet	oral	antihypertensive combinations
50419010510	Betapace	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
50419010511	Betapace	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
50419010610	Betapace	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
50419010611	Betapace	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
50419010710	Betapace	sotalol 240 mg oral tablet	oral	noncardioselective beta-blockers
50419010711	Betapace	sotalol 240 mg oral tablet	oral	noncardioselective beta-blockers
50419010910	Betapace	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
50419010911	Betapace	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
50419011506	Betapace AF	sotalol AF 80 mg oral tablet	oral	noncardioselective beta-blockers
50419011511	Betapace AF	sotalol AF 80 mg oral tablet	oral	noncardioselective beta-blockers
50419011606	Betapace AF	sotalol AF 160 mg oral tablet	oral	noncardioselective beta-blockers
50419011611	Betapace AF	sotalol AF 160 mg oral tablet	oral	noncardioselective beta-blockers
50419011906	Betapace AF	sotalol AF 120 mg oral tablet	oral	noncardioselective beta-blockers
50419011911	Betapace AF	sotalol AF 120 mg oral tablet	oral	noncardioselective beta-blockers
51079025519	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
51079027701	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
51079027719	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
51079027720	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
51079027801	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
51079027820	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
51079027901	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
51079027920	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
51079028001	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
51079028020	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
51079068401	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
51079068419	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
51079068420	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
51079068463	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
51079068501	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
51079068520	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
51079075901	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
51079075919	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
51079075920	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
51079075963	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
51079077101	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
51079077117	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
51079077119	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
51079077120	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
51079080101	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
51079080119	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
51079080120	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
51079080130	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
51079080156	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
51079080157	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
51079080201	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
51079080219	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
51079080220	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
51079081201	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
51079081220	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
51079081301	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
51079081320	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
51079081401	Nadolol	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
51079081420	Nadolol	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
51079092801	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
51079092820	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
51079092901	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
51079092920	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
51079093001	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
51079093017	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
51079093019	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
51079093020	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
51079093101	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
51079093117	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
51079093119	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
51079093120	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
51079093201	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
51079093220	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
51079095401	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations

NDC Code	Brand Name	Generic Product Name	Route	Category
51079095420	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
51079095501	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
51079095520	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
51079095601	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
51079095620	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
51285004001	Ziac	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
51285004702	Ziac	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
51285004901	Ziac	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
51285005002	Ziac	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
51285006001	Zebeta	bisoprolol 5 mg oral tablet	oral	cardioselective beta-blockers
51285006101	Zebeta	bisoprolol 10 mg oral tablet	oral	cardioselective beta-blockers
51285083805	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
51655034924	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
51655035024	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
51655038424	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
51655053024	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
51655053025	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
51655053224	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
51655092624	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
51655092825	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
52152017902	Betaxolol Hydrochloride	betaxolol 10 mg oral tablet	oral	cardioselective beta-blockers
52152018002	Betaxolol Hydrochloride	betaxolol 20 mg oral tablet	oral	cardioselective beta-blockers
52544030501	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
52544030510	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
52544030601	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
52544030610	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
52544030701	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
52544030710	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
52544030801	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
52544030805	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
52544035201	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
52544035205	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
52544046310	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
52544060501	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
52544060505	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
52544060701	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
52544065401	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
52555045001	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
52555045101	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
52555045401	Pindolol	pindolol 5 mg oral tablet	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
52555045501	Pindolol	pindolol 10 mg oral tablet	oral	noncardioselective beta-blockers
52959021201	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
52959021210	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
52959021220	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
52959021245	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
52959021250	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
52959021260	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
52959024130	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
52959024730	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
52959025300	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
52959025320	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
52959025330	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
52959025340	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
52959025830	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
52959028030	Tenormin	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
52959033710	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
52959033730	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
52959046301	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
52959046330	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
52959046360	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
52959082730	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
52959083930	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
52959083960	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
52959089560	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
53265041210	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
53265041211	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
53265041310	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
53265041311	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
53265041410	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
53265041411	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
53489035401	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
53489035405	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
53489035501	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
53489035505	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
53489035601	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
53489035605	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
53489036601	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
53489036610	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
53489036701	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
53489036710	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
53489052901	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers



NDC Code	Brand Name	Generic Product Name	Route	Category
53489052910	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
53489053001	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
53489053010	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
53489053101	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
53489053201	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
53489053601	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
53489053610	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
53489055501	Bisoprolol Fumarate	bisoprolol 5 mg oral tablet	oral	cardioselective beta-blockers
53489055507	Bisoprolol Fumarate	bisoprolol 5 mg oral tablet	oral	cardioselective beta-blockers
53489055601	Bisoprolol Fumarate	bisoprolol 10 mg oral tablet	oral	cardioselective beta-blockers
53489055607	Bisoprolol Fumarate	bisoprolol 10 mg oral tablet	oral	cardioselective beta-blockers
53746022005	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
53746022079	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
54569044200	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
54569055700	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
54569055701	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
54569055703	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
54569055900	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
54569055901	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
54569055903	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
54569056101	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
54569056102	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
54569056103	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
54569056300	Inderal LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54569056400	Inderal LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54569059000	Normodyne	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
54569059600	Tenoretic 50	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
54569163400	Inderal LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54569249900	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
54569309700	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54569343200	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
54569343201	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
54569343203	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
54569343204	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
54569343205	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
54569365400	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
54569365403	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
54569378700	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
54569378701	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
54569378702	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
54569378800	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
54569378801	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
54569378900	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
54569379000	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers



NDC Code	Brand Name	Generic Product Name	Route	Category
54569379100	Nadolol	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
54569388500	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
54569388502	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
54569444100	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
54569444200	Toprol-XL	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
54569470700	Ziac	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
54569470800	Ziac	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
54569471800	Toprol-XL	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
54569471801	Toprol-XL	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
54569536800	Ziac	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
54569538500	Coreg	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
54569540400	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
54569540401	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
54569541700	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
54569541701	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
54569541900	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
54569541901	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
54569587000	Metoprolol Succinate ER	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
54569595400	Metoprolol Succinate ER	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
54569596100	Metoprolol Succinate ER	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
54569853200	Corgard	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
54569854300	Lopressor	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
54569854500	Lopressor	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
54569854501	Lopressor	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
54569857400	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
54569859100	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
54738046801	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
54738046803	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
54738046901	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
54738046903	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
54868005200	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
54868005201	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
54868005202	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
54868005302	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
54868005303	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
54868005306	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
54868005307	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
54868010600	Coreg CR	carvedilol 20 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868029300	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
54868029301	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
54868029303	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
54868029304	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
54868029305	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
54868029306	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
54868032100	Tenoretic 50	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
54868067400	Corgard	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
54868067401	Corgard	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
54868068000	Inderal LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868068001	Inderal LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868068501	Lopressor	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
54868069601	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
54868069602	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
54868069603	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
54868070100	Tenormin	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
54868085400	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868085401	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868100401	Normodyne	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
54868106300	Lopressor	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
54868106301	Lopressor	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
54868106302	Lopressor	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
54868107801	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868107803	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868107805	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868144100	Inderal LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868144101	Inderal LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868144200	Inderal LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868144201	Inderal LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868144202	Inderal LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868151700	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868151701	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868151702	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
54868151703	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868151800	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868151801	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868151802	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868187100	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
54868187101	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
54868187102	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
54868187104	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
54868197100	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
54868197101	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
54868197103	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
54868234901	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
54868234902	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
54868234903	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
54868234904	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
54868234905	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
54868257200	Inderal LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868257201	Inderal LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868257202	Inderal LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868268300	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
54868268301	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
54868268302	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
54868286400	Trandate	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
54868286401	Trandate	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
54868298900	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
54868298902	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
54868298903	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
54868298904	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
54868298905	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
54868298906	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
54868299000	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
54868299002	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
54868299003	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
54868299004	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
54868306400	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
54868325701	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
54868325702	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
54868325703	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
54868325704	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
54868325705	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
54868358700	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
54868358701	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868358702	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868358703	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868358704	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868358705	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868372101	Nadolol	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
54868372102	Nadolol	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
54868417300	Ziac	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
54868417900	Ziac	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
54868422300	Toprol-XL	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868422301	Toprol-XL	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868422302	Toprol-XL	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868422303	Toprol-XL	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868422304	Toprol-XL	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868439500	Coreg	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
54868439501	Coreg	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
54868439502	Coreg	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
54868439503	Coreg	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
54868439600	Coreg	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
54868439601	Coreg	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
54868439602	Coreg	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
54868439603	Coreg	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
54868442100	Coreg	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
54868442101	Coreg	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
54868442102	Coreg	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
54868442300	Betapace	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
54868442400	Coreg	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
54868442401	Coreg	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
54868442402	Coreg	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
54868442403	Coreg	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
54868443500	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
54868443501	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
54868443502	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
54868443503	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
54868457600	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
54868457601	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
54868457602	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations

NDC Code	Brand Name	Generic Product Name	Route	Category
54868457700	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
54868457701	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
54868457800	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
54868457801	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
54868462100	Zebeta	bisoprolol 5 mg oral tablet	oral	cardioselective beta-blockers
54868466100	Toprol-XL	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868466101	Toprol-XL	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868466102	Toprol-XL	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868466103	Toprol-XL	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868484400	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
54868484401	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
54868484402	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
54868490300	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
54868490301	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
54868490302	Labetalol Hydrochloride	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
54868492100	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
54868492101	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
54868493200	Betaxolol Hydrochloride	betaxolol 10 mg oral tablet	oral	cardioselective beta-blockers
54868493201	Betaxolol Hydrochloride	betaxolol 10 mg oral tablet	oral	cardioselective beta-blockers
54868502100	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
54868502101	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
54868502102	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
54868506800	Toprol-XL	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868506801	Toprol-XL	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868506802	Toprol-XL	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868506803	Toprol-XL	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868509500	Bisoprolol Fumarate	bisoprolol 5 mg oral tablet	oral	cardioselective beta-blockers
54868529500	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
54868529501	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
54868534400	Corzide 80/5	bendroflumethiazide-nadolol 5 mg-80 mg oral tablet	oral	antihypertensive combinations
54868534401	Corzide 80/5	bendroflumethiazide-nadolol 5 mg-80 mg oral tablet	oral	antihypertensive combinations
54868534402	Corzide 80/5	bendroflumethiazide-nadolol 5 mg-80 mg oral tablet	oral	antihypertensive combinations
54868539500	InnoPran XL	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868540000	Hydrochlorothiazide-Metoprolol	hydrochlorothiazide-metoprolol 25 mg-50 mg oral tablet	oral	antihypertensive combinations
54868540001	Hydrochlorothiazide-Metoprolol	hydrochlorothiazide-metoprolol 25 mg-50 mg oral tablet	oral	antihypertensive combinations



NDC Code	Brand Name	Generic Product Name	Route	Category
54868552400	Hydrochlorothiazide-Metoprolol	hydrochlorothiazide-metoprolol 25 mg-100 mg oral tablet	oral	antihypertensive combinations
54868552401	Hydrochlorothiazide-Metoprolol	hydrochlorothiazide-metoprolol 25 mg-100 mg oral tablet	oral	antihypertensive combinations
54868554900	Sotalol Hydrochloride	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
54868554901	Sotalol Hydrochloride	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
54868556400	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
54868556401	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
54868558800	Nadolol	nadolol 160 mg oral tablet	oral	noncardioselective beta-blockers
54868561400	Sotalol Hydrochloride	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
54868572900	Metoprolol Succinate ER	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868572901	Metoprolol Succinate ER	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868572902	Metoprolol Succinate ER	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868572903	Metoprolol Succinate ER	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868572904	Metoprolol Succinate ER	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868573000	Metoprolol Succinate ER	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868573001	Metoprolol Succinate ER	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868573002	Metoprolol Succinate ER	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868573003	Metoprolol Succinate ER	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868573100	Metoprolol Succinate ER	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868573101	Metoprolol Succinate ER	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868573102	Metoprolol Succinate ER	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868573103	Metoprolol Succinate ER	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868573200	Metoprolol Succinate ER	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
54868575500	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868575501	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868577100	Coreg CR	carvedilol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54868586900	Coreg CR	carvedilol 40 mg oral capsule, extended release	oral	noncardioselective beta-blockers
54921010110	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
54921010139	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
54921010510	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
54921010534	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
54921010539	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
54921010710	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
54921011510	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
54921011710	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
55045123607	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
55045123608	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers



NDC Code	Brand Name	Generic Product Name	Route	Category
55045123609	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
55045186001	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
55045186002	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
55045186006	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
55045186008	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
55045186009	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
55045207801	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
55045207806	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
55045207808	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
55045221700	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
55045221702	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
55045221706	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
55045221708	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
55045221709	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
55045226901	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
55045226902	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
55045226906	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
55045226908	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
55045226909	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
55045228200	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55045228202	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55045228206	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55045228207	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55045228208	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55045228209	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55045243101	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
55045243108	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
55045249801	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
55045249808	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
55045275508	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
55045299008	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
55045300608	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
55045316000	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
55045336101	Toprol-XL	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
55045336108	Toprol-XL	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
55045337108	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
55045376208	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55045379801	Metoprolol Succinate ER	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
55111025201	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
55111025205	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
55111025301	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
55111025305	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
55111025401	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
55111025405	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
55111025501	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
55111025505	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
55289009330	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
55289009390	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
55289009393	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
55289009397	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
55289009650	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
55289013197	Inderal	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
55289017130	Lopressor	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
55289022730	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
55289022790	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
55289022797	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
55289022801	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
55289022803	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
55289022806	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
55289022814	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
55289022830	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
55289022860	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
55289022890	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
55289022897	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
55289023301	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
55289023310	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
55289023312	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
55289023360	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
55289023390	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
55289023397	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
55289023401	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
55289023430	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
55289023460	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
55289023490	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
55289025430	Tenormin	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
55289038230	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
55289038293	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
55289041301	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55289041330	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55289041360	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55289041390	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55289041393	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55289041394	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55289041397	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55289058730	Tenormin	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
55289062730	Lopressor	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55289063030	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations

NDC Code	Brand Name	Generic Product Name	Route	Category
55289065330	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
55289065390	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
55289085530	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
55289090230	Toprol-XL	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
55289098630	Coreg	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
55289098830	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
55289099330	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
55289099360	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
55289099390	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
55887004860	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
55887004930	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
55887004960	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
55887007401	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
55887007430	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
55887007460	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
55887007490	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
55887018001	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
55887018030	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
55887024230	Sotalol Hydrochloride	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
55887025930	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
55887026730	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 2.5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
55887027401	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
55887027430	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
55887027460	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
55887027490	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
55887034830	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
55887034920	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
55887034930	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
55887034990	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
55887045330	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
55887045360	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
55887047401	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55887047430	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55887047460	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55887047490	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55887047492	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
55887055901	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
55887055930	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
55887055960	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
55887055990	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
55887057560	Coreg	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
55887058501	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
55887058530	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
55887058560	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations

NDC Code	Brand Name	Generic Product Name	Route	Category
55887058582	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
55887058590	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
55887059930	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
55887059960	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
55887059990	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
55887061330	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
55887061360	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
55887061382	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
55887062501	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
55887062530	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
55887062560	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
55887062590	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 10 mg-6.25 mg oral tablet	oral	antihypertensive combinations
55887072930	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
55887073160	Coreg	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
55887079290	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
55887083220	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
55887083230	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
55887083260	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
55887083801	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
55887083830	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
55887083860	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
55887083890	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
55887099830	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
55887099860	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
55887099890	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
55953096140	Timolol Maleate	timolol 5 mg oral tablet	oral	noncardioselective beta-blockers
55953097240	Timolol Maleate	timolol 10 mg oral tablet	oral	noncardioselective beta-blockers
55953098440	Timolol Maleate	timolol 20 mg oral tablet	oral	noncardioselective beta-blockers
57664016608	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
57664016618	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
57664016708	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
57664016718	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
57664024213	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
57664024218	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
57664024288	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
57664024413	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
57664024418	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
57664024488	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
57664024513	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
57664024518	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
57664024588	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
57664024713	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
57664024718	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
57664024788	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
57664026418	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
57664026488	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
57664026518	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
57664026588	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
57664026618	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
57664026688	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
57664047708	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
57664047718	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
57664050608	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
57664050618	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
57866315501	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
57866333001	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
57866333003	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
57866333101	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
57866333102	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
57866333201	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
57866430901	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
57866431301	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
57866431401	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
57866431501	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
57866431601	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
57866491101	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
57866491201	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
57866491301	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
57866491401	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
57866633701	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
57866633801	Nadolol	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
57866633901	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
57866657801	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
57866657901	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
57866662201	Labetalol Hydrochloride	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
57866662301	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
57866705301	Metoprolol Succinate ER	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
57866705401	Metoprolol Succinate ER	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
57866705601	Metoprolol Succinate ER	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
57866903201	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers



NDC Code	Brand Name	Generic Product Name	Route	Category
57866903202	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
57866903203	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
57866903204	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
57866903301	Sotalol Hydrochloride	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
57866903302	Sotalol Hydrochloride	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
57866903303	Sotalol Hydrochloride	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
57866903304	Sotalol Hydrochloride	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
57866903401	Sotalol Hydrochloride	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
57866903402	Sotalol Hydrochloride	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
57866903403	Sotalol Hydrochloride	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
57866903404	Sotalol Hydrochloride	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
58016000100	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
58016000130	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
58016000160	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
58016000190	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
58016004500	Toprol-XL	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
58016004530	Toprol-XL	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
58016004560	Toprol-XL	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
58016004590	Toprol-XL	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
58016013600	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
58016013630	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
58016018800	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
58016018802	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
58016018830	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
58016018860	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
58016018890	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
58016028600	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
58016028602	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
58016028630	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
58016028660	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
58016028690	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
58016030030	Acebutolol Hydrochloride	acebutolol 200 mg oral capsule	oral	cardioselective beta-blockers
58016030060	Acebutolol Hydrochloride	acebutolol 200 mg oral capsule	oral	cardioselective beta-blockers
58016030090	Acebutolol Hydrochloride	acebutolol 200 mg oral capsule	oral	cardioselective beta-blockers



NDC Code	Brand Name	Generic Product Name	Route	Category
58016033100	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
58016033130	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
58016033160	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
58016033190	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
58016033300	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
58016033315	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
58016033330	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
58016033360	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
58016037300	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
58016037302	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
58016037390	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
58016044200	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
58016044202	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
58016044230	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
58016044260	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
58016044290	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
58016044299	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
58016052600	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
58016052602	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
58016052630	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
58016052660	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
58016052690	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
58016052800	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
58016052815	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
58016052830	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
58016052860	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
58016052900	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
58016052910	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
58016052915	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
58016052920	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
58016052930	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
58016052950	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
58016053100	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
58016053115	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
58016053130	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
58016053200	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
58016053202	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
58016053215	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
58016053230	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
58016053260	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
58016058200	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
58016058215	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
58016058220	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
58016058230	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
58016058260	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
58016060400	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
58016060430	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
58016060460	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
58016060490	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
58016077100	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
58016077112	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
58016077115	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
58016077120	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
58016077130	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
58016077160	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
58016085900	Inderal LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
58016085930	Inderal LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
58016085960	Inderal LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
58016085990	Inderal LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
58016097400	Toprol-XL	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
58016097430	Toprol-XL	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
58016097460	Toprol-XL	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
58016097490	Toprol-XL	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
58177029304	Metoprolol Succinate ER	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
58177029309	Metoprolol Succinate ER	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
58177029311	Metoprolol Succinate ER	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
58177035804	Metoprolol Succinate ER	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
58177035809	Metoprolol Succinate ER	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
58177036804	Metoprolol Succinate ER	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
58177036809	Metoprolol Succinate ER	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
58177036811	Metoprolol Succinate ER	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
58177036904	Metoprolol Succinate ER	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
58177036909	Metoprolol Succinate ER	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
58177036911	Metoprolol Succinate ER	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
58864001601	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
58864001628	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
58864001630	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
58864001660	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
58864006501	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
58864006530	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
58864036330	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
58864043160	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
58864064556	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
58864068030	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
58864069530	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
58864071730	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
58864072730	Coreg	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
58864073730	Coreg	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
58864074930	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
58864074990	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
58864075930	Toprol-XL	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
58864076530	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
58864078430	Bisoprolol-Hydrochlorothiazide	bisoprolol-hydrochlorothiazide 5 mg-6.25 mg oral tablet	oral	antihypertensive combinations
59591000768	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
59591019468	Timolol Maleate	timolol 10 mg oral tablet	oral	noncardioselective beta-blockers
59591026368	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
59591026568	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
59762125801	Bisoprolol Fumarate	bisoprolol 5 mg oral tablet	oral	cardioselective beta-blockers
59762125802	Bisoprolol Fumarate	bisoprolol 5 mg oral tablet	oral	cardioselective beta-blockers
59762126101	Bisoprolol Fumarate	bisoprolol 10 mg oral tablet	oral	cardioselective beta-blockers
59762126102	Bisoprolol Fumarate	bisoprolol 10 mg oral tablet	oral	cardioselective beta-blockers
59762130001	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
59762130003	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
59762130101	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
59762130103	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
59762130201	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
59762130203	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
59772246101	Nadolol	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
59772246201	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
59772246203	Nadolol	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
59772246301	Nadolol	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
59772246303	Nadolol	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
59772246401	Nadolol	nadolol 120 mg oral tablet	oral	noncardioselective beta-blockers
59772246501	Nadolol	nadolol 160 mg oral tablet	oral	noncardioselective beta-blockers
59772369220	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
59772369305	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
59772880410	Pindolol	pindolol 5 mg oral tablet	oral	noncardioselective beta-blockers
59772880510	Pindolol	pindolol 10 mg oral tablet	oral	noncardioselective beta-blockers
59911547002	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
59911547102	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
59911547301	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
59911547302	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
60346052306	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
60429074801	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
60429074901	Sotalol Hydrochloride	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
60429075001	Sotalol Hydrochloride	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
60429075101	Sotalol Hydrochloride	sotalol 240 mg oral tablet	oral	noncardioselective beta-blockers
60429075301	Betaxolol Hydrochloride	betaxolol 10 mg oral tablet	oral	cardioselective beta-blockers
60429075401	Betaxolol Hydrochloride	betaxolol 20 mg oral tablet	oral	cardioselective beta-blockers
60505008000	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
60505008100	Sotalol Hydrochloride	sotalol 160 mg oral tablet	oral	noncardioselective beta-blockers
60505008200	Sotalol Hydrochloride	sotalol 240 mg oral tablet	oral	noncardioselective beta-blockers
60505015900	Sotalol Hydrochloride	sotalol 120 mg oral tablet	oral	noncardioselective beta-blockers
60505022201	Sotalol Hydrochloride AF	sotalol AF 80 mg oral tablet	oral	noncardioselective beta-blockers
60505022301	Sotalol Hydrochloride AF	sotalol AF 120 mg oral tablet	oral	noncardioselective beta-blockers
60505022401	Sotalol Hydrochloride AF	sotalol AF 160 mg oral tablet	oral	noncardioselective beta-blockers
60505260601	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
60505260608	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
60505260701	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
60505260708	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
60505260801	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
60505260808	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
60505260901	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
60505260908	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
60793028301	Corzide 40/5	bendroflumethiazide-nadolol 5 mg-40 mg oral tablet	oral	antihypertensive combinations
60793028401	Corzide 80/5	bendroflumethiazide-nadolol 5 mg-80 mg oral tablet	oral	antihypertensive combinations
60793080001	Corgard	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
60793080101	Corgard	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
60793080201	Corgard	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
60814071001	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
60814071010	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
60814071101	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
60814071110	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
60951078270	Timolol Maleate	timolol 5 mg oral tablet	oral	noncardioselective beta-blockers
60951078370	Timolol Maleate	timolol 10 mg oral tablet	oral	noncardioselective beta-blockers
60976034643	Trandate	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
60976034644	Trandate	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
60976034647	Trandate	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
60976034743	Trandate	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
60976034744	Trandate	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
60976034747	Trandate	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
61392001830	Pindolol	pindolol 10 mg oral tablet	oral	noncardioselective beta-blockers
61392001831	Pindolol	pindolol 10 mg oral tablet	oral	noncardioselective beta-blockers
61392001832	Pindolol	pindolol 10 mg oral tablet	oral	noncardioselective beta-blockers
61392001839	Pindolol	pindolol 10 mg oral tablet	oral	noncardioselective beta-blockers









NDC Code	Brand Name	Generic Product Name	Route	Category
61392043051	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
61392043054	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
61392043056	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
61392043060	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
61392043090	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
61392043091	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
61392054230	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
61392054231	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
61392054232	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
61392054239	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
61392054245	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
61392054251	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
61392054254	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
61392054260	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
61392054265	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
61392054290	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
61392054291	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
61392054330	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
61392054331	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
61392054332	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
61392054339	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
61392054345	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
61392054351	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
61392054354	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
61392054356	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
61392054360	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
61392054365	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
61392054390	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
61392054391	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
61392054630	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
61392054631	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
61392054632	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
61392054639	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
61392054645	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
61392054651	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
61392054654	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
61392054656	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
61392054660	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
61392054690	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
61392054691	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
61570017501	Corzide 40/5	bendroflumethiazide-nadolol 5 mg-40 mg oral tablet	oral	antihypertensive combinations
61570017601	Corzide 80/5	bendroflumethiazide-nadolol 5 mg-80 mg oral tablet	oral	antihypertensive combinations
61570020001	Corgard	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
61570020056	Corgard	nadolol 20 mg oral tablet	oral	noncardioselective beta-blockers
61570020101	Corgard	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
61570020110	Corgard	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
61570020156	Corgard	nadolol 40 mg oral tablet	oral	noncardioselective beta-blockers
61570020201	Corgard	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
61570020256	Corgard	nadolol 80 mg oral tablet	oral	noncardioselective beta-blockers
61570020301	Corgard	nadolol 120 mg oral tablet	oral	noncardioselective beta-blockers
61570020401	Corgard	nadolol 160 mg oral tablet	oral	noncardioselective beta-blockers
62037083001	Metoprolol Succinate ER	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
62037083010	Metoprolol Succinate ER	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
62037083101	Metoprolol Succinate ER	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
62037083110	Metoprolol Succinate ER	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
62269025624	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
62269025630	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
62269025654	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
62269025724	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
62269025924	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
62269025930	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
62584026501	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
62584026511	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
62584026601	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
62584026611	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
62584026701	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
62584026711	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
62584046701	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
62584046711	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
62584046780	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
62584046785	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
62584071501	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
62584071511	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
62584078801	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
62584078811	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
62584084201	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
62584084285	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
62584084301	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
62584084385	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
63304057901	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
63304057910	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
63304058001	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63304058010	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63304058101	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
63304058110	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
63304062101	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
63304062110	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
63304062201	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
63304062210	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
63304062301	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
63304062310	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
63629142301	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
63629142302	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
63629146201	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
63629146202	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
63629146301	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63629146302	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63629146303	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63629146304	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63629257001	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
63629257002	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
63629257003	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
63629290901	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
63629290902	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
63629290903	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
63629290904	Atenolol-Chlorthalidone	atenolol-chlorthalidone 50 mg-25 mg oral tablet	oral	antihypertensive combinations
63739002701	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
63739002703	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
63739002710	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
63739002715	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
63739002801	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
63739002803	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
63739002810	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
63739002815	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
63739017301	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63739017303	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63739017310	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63739017315	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63739036610	Labetalol Hydrochloride	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
63739040510	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
63739042810	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63874033201	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
63874033202	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
63874033207	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
63874033210	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
63874033214	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
63874033215	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
63874033220	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
63874033230	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
63874033260	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
63874033290	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
63874036801	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
63874036802	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
63874036815	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
63874036820	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
63874036828	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
63874036830	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
63874036860	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
63874038801	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
63874038807	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
63874038810	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
63874038812	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
63874038815	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
63874038820	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
63874038830	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
63874040601	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63874040610	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63874040614	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63874040615	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63874040620	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63874040628	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63874040630	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63874040660	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
63874040701	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
63874040710	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
63874040715	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
63874040720	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
63874040730	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
63874040760	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
63874040790	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
63874045401	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
63874045402	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
63874045404	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
63874045415	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
63874045420	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
63874045430	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
63874045460	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
63874046801	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
63874046810	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
63874046814	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
63874046815	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
63874046820	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
63874046830	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
63874046860	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
63874046890	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
63874048601	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
63874048602	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
63874048615	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
63874048630	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
63874048640	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
63874048660	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
63874067601	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
63874067612	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
63874067615	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
63874067620	Atenolol-Chlorthalidone	atenolol-chlorthalidone 100 mg-25 mg oral tablet	oral	antihypertensive combinations
64376050301	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
64376050310	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
65162066910	Acebutolol Hydrochloride	acebutolol 200 mg oral capsule	oral	cardioselective beta-blockers
65162067010	Acebutolol Hydrochloride	acebutolol 400 mg oral capsule	oral	cardioselective beta-blockers
65162072510	Sotalol Hydrochloride AF	sotalol AF 80 mg oral tablet	oral	noncardioselective beta-blockers
65162072710	Sotalol Hydrochloride AF	sotalol AF 120 mg oral tablet	oral	noncardioselective beta-blockers
65162073110	Sotalol Hydrochloride AF	sotalol AF 160 mg oral tablet	oral	noncardioselective beta-blockers
65483039110	Trandate	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
65483039111	Trandate	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
65483039150	Trandate	labetalol 100 mg oral tablet	oral	noncardioselective beta-blockers
65483039210	Trandate	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
65483039222	Trandate	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
65483039250	Trandate	labetalol 200 mg oral tablet	oral	noncardioselective beta-blockers
65483039310	Trandate	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
65483039333	Trandate	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
65483039350	Trandate	labetalol 300 mg oral tablet	oral	noncardioselective beta-blockers
65726025010	InnoPran XL	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
65726025025	InnoPran XL	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
65726025110	InnoPran XL	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
65726025125	InnoPran XL	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
65862006201	Metoprolol Tartrate	metoprolol tartrate 25 mg oral tablet	oral	cardioselective beta-blockers
65862006301	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
65862006399	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
65862006401	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
65862006499	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
65862008601	Bisoprolol Fumarate	bisoprolol 5 mg oral tablet	oral	cardioselective beta-blockers
65862008630	Bisoprolol Fumarate	bisoprolol 5 mg oral tablet	oral	cardioselective beta-blockers
65862008701	Bisoprolol Fumarate	bisoprolol 10 mg oral tablet	oral	cardioselective beta-blockers
65862008730	Bisoprolol Fumarate	bisoprolol 10 mg oral tablet	oral	cardioselective beta-blockers
65862014201	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
65862014301	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
65862014401	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
65862014501	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
65862016801	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
65862016899	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
65862016901	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
65862016999	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
65862017001	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
65862017099	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
66105099403	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers



NDC Code	Brand Name	Generic Product Name	Route	Category
66105099406	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
66105099410	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
66105099411	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
66105099415	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
66105099603	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
66105099606	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
66105099610	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
66105099611	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
66105099615	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
66116023930	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
66116045530	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
66267003130	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
66336012560	Coreg	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
66336012660	Coreg	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
66336051430	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
66336051460	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
66336052330	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
66336052360	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
66336058730	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
66336058760	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
66336058790	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
66336071930	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
66336071960	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
67046003030	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
67046047530	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
67046047630	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
67046059030	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
67046059060	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
67253042010	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
67253042011	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
67253042110	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
67253042111	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
67253042210	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
67253042211	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
67286417701	Sectral	acebutolol 200 mg oral capsule	oral	cardioselective beta-blockers
67286417901	Sectral	acebutolol 400 mg oral capsule	oral	cardioselective beta-blockers
67801030430	Toprol-XL	metoprolol succinate 50 mg oral tablet, extended release	oral	cardioselective beta-blockers
67801031530	Toprol-XL	metoprolol succinate 100 mg oral tablet, extended release	oral	cardioselective beta-blockers
67801031603	Toprol-XL	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
67857070001	Sectral	acebutolol 200 mg oral capsule	oral	cardioselective beta-blockers
67857070101	Sectral	acebutolol 400 mg oral capsule	oral	cardioselective beta-blockers
68084020901	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers



NDC Code	Brand Name	Generic Product Name	Route	Category
68084020911	Propranolol Hydrochloride LA	propranolol 60 mg oral capsule, extended release	oral	noncardioselective beta-blockers
68084021001	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
68084021011	Propranolol Hydrochloride LA	propranolol 80 mg oral capsule, extended release	oral	noncardioselective beta-blockers
68084021101	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
68084021111	Propranolol Hydrochloride LA	propranolol 120 mg oral capsule, extended release	oral	noncardioselective beta-blockers
68084021201	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
68084021211	Propranolol Hydrochloride LA	propranolol 160 mg oral capsule, extended release	oral	noncardioselective beta-blockers
68084026101	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
68084026111	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
68084026201	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
68084026211	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
68084026301	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
68084026311	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
68084026401	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
68084026411	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
68115003830	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
68115003930	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
68115003960	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
68115003990	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
68115004015	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
68115004030	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
68115004060	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
68115004090	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
68115023800	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
68115023830	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
68115023860	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
68115023890	Metoprolol Tartrate	metoprolol tartrate 100 mg oral tablet	oral	cardioselective beta-blockers
68115023930	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
68115023960	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
68115023990	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
68115023997	Metoprolol Tartrate	metoprolol tartrate 50 mg oral tablet	oral	cardioselective beta-blockers
68115030760	Propranolol Hydrochloride	propranolol 10 mg oral tablet	oral	noncardioselective beta-blockers
68115030860	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
68115030899	Propranolol Hydrochloride	propranolol 20 mg oral tablet	oral	noncardioselective beta-blockers
68115030930	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
68115030960	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
68115030990	Propranolol Hydrochloride	propranolol 40 mg oral tablet	oral	noncardioselective beta-blockers
68115031030	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
68115031060	Propranolol Hydrochloride	propranolol 80 mg oral tablet	oral	noncardioselective beta-blockers
68115041930	Toprol-XL	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
68115055100	Coreg	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
68115062900	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
68115062930	Propranolol Hydrochloride	propranolol 60 mg oral tablet	oral	noncardioselective beta-blockers
68115066100	Sotalol Hydrochloride	sotalol 80 mg oral tablet	oral	noncardioselective beta-blockers
68115071500	Toprol-XL	metoprolol succinate 200 mg oral tablet, extended release	oral	cardioselective beta-blockers
68115072700	Coreg	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
68115074100	Toprol-XL	metoprolol succinate 25 mg oral tablet, extended release	oral	cardioselective beta-blockers
68382002201	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
68382002210	Atenolol	atenolol 25 mg oral tablet	oral	cardioselective beta-blockers
68382002301	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
68382002310	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
68382002401	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
68382002410	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
68382009201	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
68382009205	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
68382009217	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
68382009301	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
68382009305	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
68382009317	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
68382009401	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
68382009405	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
68382009417	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
68382009501	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
68382009505	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
68382009517	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
68387053830	Atenolol	atenolol 50 mg oral tablet	oral	cardioselective beta-blockers
68387053930	Atenolol	atenolol 100 mg oral tablet	oral	cardioselective beta-blockers
68462016201	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
68462016205	Carvedilol	carvedilol 3.125 mg oral tablet	oral	noncardioselective beta-blockers
68462016301	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
68462016305	Carvedilol	carvedilol 6.25 mg oral tablet	oral	noncardioselective beta-blockers
68462016401	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
68462016405	Carvedilol	carvedilol 12.5 mg oral tablet	oral	noncardioselective beta-blockers
68462016501	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers
68462016505	Carvedilol	carvedilol 25 mg oral tablet	oral	noncardioselective beta-blockers

NDC Code	Brand Name	Generic Product Name	Route	Category
00074301460	Azmacort	triamcinolone 75 mcg/inh inhalation aerosol	inhalation	inhaled corticosteroids
00075006037	Azmacort	triamcinolone 100 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
00085134101	Asmanex Twisthaler 120 Dose	mometasone 220 mcg/inh inhalation aerosol powder	inhalation	inhaled corticosteroids
00085134102	Asmanex Twisthaler 60 Dose	mometasone 220 mcg/inh inhalation aerosol powder	inhalation	inhaled corticosteroids
00085134103	Asmanex Twisthaler 30 Dose	mometasone 220 mcg/inh inhalation aerosol powder	inhalation	inhaled corticosteroids
00085134104	Asmanex Twisthaler 14 Dose	mometasone 220 mcg/inh inhalation aerosol powder	inhalation	inhaled corticosteroids
00085146102	Asmanex Twisthaler 30 Dose	mometasone 110 mcg/inh inhalation aerosol powder	inhalation	inhaled corticosteroids
00085146107	Asmanex Twisthaler 7 Dose	mometasone 110 mcg/inh inhalation aerosol powder	inhalation	inhaled corticosteroids
00093681573	Budesonide	budesonide 0.25 mg/2 mL inhalation suspension	inhalation	inhaled corticosteroids
00093681673	Budesonide	budesonide 0.5 mg/2 mL inhalation suspension	inhalation	inhaled corticosteroids
00173049100	Flovent	fluticasone 44 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
00173049400	Flovent	fluticasone 110 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
00173049500	Flovent	fluticasone 220 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
00173049700	Flovent	fluticasone 44 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
00173049800	Flovent	fluticasone 110 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
00173049900	Flovent	fluticasone 220 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
00173050400	Flovent Rotadisk	fluticasone 250 mcg inhalation powder	inhalation	inhaled corticosteroids
00173051100	Flovent Rotadisk	fluticasone 50 mcg inhalation powder	inhalation	inhaled corticosteroids
00173060002	Flovent Diskus	fluticasone 50 mcg inhalation powder	inhalation	inhaled corticosteroids
00173060102	Flovent Diskus	fluticasone 250 mcg inhalation powder	inhalation	inhaled corticosteroids
00173060202	Flovent Diskus	fluticasone 100 mcg inhalation powder	inhalation	inhaled corticosteroids
00173069500	Advair Diskus	fluticasone-salmeterol 100 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
00173069502	Advair Diskus	fluticasone-salmeterol 100 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
00173069504	Advair Diskus	fluticasone-salmeterol 100 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
00173069600	Advair Diskus	fluticasone-salmeterol 250 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
00173069602	Advair Diskus	fluticasone-salmeterol 250 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
00173069604	Advair Diskus	fluticasone-salmeterol 250 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
00173069700	Advair Diskus	fluticasone-salmeterol 500 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
00173069702	Advair Diskus	fluticasone-salmeterol 500 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
00173069704	Advair Diskus	fluticasone-salmeterol 500 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
00173071500	Advair HFA	fluticasone-salmeterol CFC free 45 mcg-21 mcg/inh inhalation aerosol with adapter	inhalation	bronchodilator combinations
00173071520	Advair HFA	fluticasone-salmeterol CFC free 45 mcg-21 mcg/inh inhalation aerosol with adapter	inhalation	bronchodilator combinations
00173071600	Advair HFA	fluticasone-salmeterol CFC free 115 mcg-21 mcg/inh inhalation aerosol with adapter	inhalation	bronchodilator combinations
00173071620	Advair HFA	fluticasone-salmeterol CFC free 115 mcg-21 mcg/inh inhalation aerosol with adapter	inhalation	bronchodilator combinations
00173071700	Advair HFA	fluticasone-salmeterol CFC free 230 mcg-21 mcg/inh inhalation aerosol with adapter	inhalation	bronchodilator combinations
00173071720	Advair HFA	fluticasone-salmeterol CFC free 230 mcg-21 mcg/inh inhalation aerosol with adapter	inhalation	bronchodilator combinations
00173071800	Flovent HFA	fluticasone CFC free 44 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
00173071820	Flovent HFA	fluticasone CFC free 44 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
00173071900	Flovent HFA	fluticasone CFC free 110 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids

NDC Code	Brand Name	Generic Product Name	Route	Category
00173071920	Flovent HFA	fluticasone CFC free 110 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
00173072000	Flovent HFA	fluticasone CFC free 220 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
00173072020	Flovent HFA	fluticasone CFC free 220 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
00186037020	Symbicort	budesonide-formoterol 160 mcg-4.5 mcg/inh inhalation aerosol with adapter	inhalation	bronchodilator combinations
00186037028	Symbicort	budesonide-formoterol 160 mcg-4.5 mcg/inh inhalation aerosol with adapter	inhalation	bronchodilator combinations
00186037220	Symbicort	budesonide-formoterol 80 mcg-4.5 mcg/inh inhalation aerosol with adapter	inhalation	bronchodilator combinations
00186037228	Symbicort	budesonide-formoterol 80 mcg-4.5 mcg/inh inhalation aerosol with adapter	inhalation	bronchodilator combinations
00186042604	Budesonide	budesonide 0.5 mg/2 mL inhalation suspension	inhalation	inhaled corticosteroids
00186091542	Pulmicort Turbuhaler	budesonide 200 mcg/inh inhalation powder	inhalation	inhaled corticosteroids
00186091612	Pulmicort Flexhaler	budesonide 180 mcg/inh inhalation powder	inhalation	inhaled corticosteroids
00186091706	Pulmicort Flexhaler	budesonide 90 mcg/inh inhalation powder	inhalation	inhaled corticosteroids
00186198804	Pulmicort Respules	budesonide 0.25 mg/2 mL inhalation suspension	inhalation	inhaled corticosteroids
00186198904	Pulmicort Respules	budesonide 0.5 mg/2 mL inhalation suspension	inhalation	inhaled corticosteroids
00186199004	Pulmicort Respules	budesonide 1 mg/2 mL inhalation suspension	inhalation	inhaled corticosteroids
00247019020	Azmacort	triamcinolone 75 mcg/inh inhalation aerosol	inhalation	inhaled corticosteroids
00247065907	AeroBid	flunisolide 250 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
00247070307	AeroBid-M	flunisolide 250 mcg/inh inhalation aerosol	inhalation	inhaled corticosteroids
00247157513	Flovent	fluticasone 44 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
00247157612	Flovent	fluticasone 110 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
00247157613	Flovent	fluticasone 110 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
00247157713	Flovent	fluticasone 220 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
00247197360	Advair Diskus	fluticasone-salmeterol 250 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
00247198360	Advair Diskus	fluticasone-salmeterol 100 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
00247221560	Advair Diskus	fluticasone-salmeterol 500 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
00456067099	AeroBid-M	flunisolide 250 mcg/inh inhalation aerosol	inhalation	inhaled corticosteroids
00456067299	AeroBid	flunisolide 250 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
12280041013	Flovent	fluticasone 44 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
16590002520	Azmacort	triamcinolone 75 mcg/inh inhalation aerosol	inhalation	inhaled corticosteroids
21695019601	Advair Diskus	fluticasone-salmeterol 250 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
21695019701	Advair Diskus	fluticasone-salmeterol 500 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
23490754201	Advair Diskus	fluticasone-salmeterol 250 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
35356009914	Asmanex Twisthaler 14 Dose	mometasone 220 mcg/inh inhalation aerosol powder	inhalation	inhaled corticosteroids
49999061412	Flovent HFA	fluticasone CFC free 110 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
49999081960	Advair Diskus	fluticasone-salmeterol 250 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
49999098460	Advair Diskus	fluticasone-salmeterol 100 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
49999098560	Advair Diskus	fluticasone-salmeterol 500 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
52959013100	AeroBid	flunisolide 250 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
52959028603	Azmacort	triamcinolone 75 mcg/inh inhalation aerosol	inhalation	inhaled corticosteroids
54569005300	Azmacort	triamcinolone 75 mcg/inh inhalation aerosol	inhalation	inhaled corticosteroids
54569101300	AeroBid	flunisolide 250 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
54569397600	AeroBid-M	flunisolide 250 mcg/inh inhalation aerosol	inhalation	inhaled corticosteroids

NDC Code	Brand Name	Generic Product Name	Route	Category
54569460200	Flovent	fluticasone 110 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
54569460300	Flovent	fluticasone 220 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
54569474100	Pulmicort Turbuhaler	budesonide 200 mcg/inh inhalation powder	inhalation	inhaled corticosteroids
54569486300	Flovent	fluticasone 44 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
54569489600	Flovent Rotadisk	fluticasone 50 mcg inhalation powder	inhalation	inhaled corticosteroids
54569516200	Pulmicort Respules	budesonide 0.25 mg/2 mL inhalation suspension	inhalation	inhaled corticosteroids
54569516300	Pulmicort Respules	budesonide 0.5 mg/2 mL inhalation suspension	inhalation	inhaled corticosteroids
54569524100	Advair Diskus	fluticasone-salmeterol 100 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
54569524200	Advair Diskus	fluticasone-salmeterol 250 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
54569524300	Advair Diskus	fluticasone-salmeterol 500 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
54569566300	Flovent HFA	fluticasone CFC free 110 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
54569567100	Flovent HFA	fluticasone CFC free 44 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
54569570200	Flovent HFA	fluticasone CFC free 220 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
54569592800	Pulmicort Flexhaler	budesonide 180 mcg/inh inhalation powder	inhalation	inhaled corticosteroids
54868126801	Azmacort	triamcinolone 75 mcg/inh inhalation aerosol	inhalation	inhaled corticosteroids
54868188301	AeroBid	flunisolide 250 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
54868418200	Flovent	fluticasone 110 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
54868426400	Flovent	fluticasone 44 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
54868429500	Pulmicort Turbuhaler	budesonide 200 mcg/inh inhalation powder	inhalation	inhaled corticosteroids
54868439200	Flovent	fluticasone 220 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
54868451600	Advair Diskus	fluticasone-salmeterol 500 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
54868451700	Advair Diskus	fluticasone-salmeterol 250 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
54868451800	Advair Diskus	fluticasone-salmeterol 100 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
54868529400	AeroBid-M	flunisolide 250 mcg/inh inhalation aerosol	inhalation	inhaled corticosteroids
54868536200	Flovent HFA	fluticasone CFC free 110 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
54868554700	Asmanex Twisthaler 60 Dose	mometasone 220 mcg/inh inhalation aerosol powder	inhalation	inhaled corticosteroids
54868554701	Asmanex Twisthaler 60 Dose	mometasone 220 mcg/inh inhalation aerosol powder	inhalation	inhaled corticosteroids
54868562100	Pulmicort Respules	budesonide 0.5 mg/2 mL inhalation suspension	inhalation	inhaled corticosteroids
54868563700	Flovent HFA	fluticasone CFC free 220 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
54868577400	Pulmicort Respules	budesonide 0.25 mg/2 mL inhalation suspension	inhalation	inhaled corticosteroids
54868584400	Pulmicort Flexhaler	budesonide 180 mcg/inh inhalation powder	inhalation	inhaled corticosteroids
54868585700	Qvar	beclomethasone 40 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
54868585800	Qvar	beclomethasone 80 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
55045186803	AeroBid	flunisolide 250 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
55045252007	AeroBid-M	flunisolide 250 mcg/inh inhalation aerosol	inhalation	inhaled corticosteroids
55045281900	Flovent	fluticasone 110 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
55045291901	Flovent	fluticasone 220 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
55045305401	Flovent	fluticasone 44 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
55045306300	Qvar	beclomethasone 40 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
55045335100	Flovent HFA	fluticasone CFC free 110 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
55045335400	Flovent HFA	fluticasone CFC free 220 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
55045338801	Advair Diskus	fluticasone-salmeterol 100 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
55045341600	Flovent HFA	fluticasone CFC free 44 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
55045368601	Advair Diskus	fluticasone-salmeterol 250 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
55045369508	Qvar	beclomethasone 80 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids



NDC Code	Brand Name	Generic Product Name	Route	Category
55887067860	Advair Diskus	fluticasone-salmeterol 100 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
58016460401	Advair Diskus	fluticasone-salmeterol 250 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
58016481201	Advair Diskus	fluticasone-salmeterol 100 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
58016481301	Advair Diskus	fluticasone-salmeterol 500 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
59310017540	Qvar	beclomethasone 40 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
59310017780	Qvar	beclomethasone 80 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
60346028274	AeroBid-M	flunisolide 250 mcg/inh inhalation aerosol	inhalation	inhaled corticosteroids
60598006160	Azmacort	triamcinolone 75 mcg/inh inhalation aerosol	inhalation	inhaled corticosteroids
63874071420	Azmacort	triamcinolone 75 mcg/inh inhalation aerosol	inhalation	inhaled corticosteroids
68115054720	Azmacort	triamcinolone 75 mcg/inh inhalation aerosol	inhalation	inhaled corticosteroids
68115063713	Flovent	fluticasone 220 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
68115065201	AeroBid	flunisolide 250 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
68115065301	AeroBid-M	flunisolide 250 mcg/inh inhalation aerosol	inhalation	inhaled corticosteroids
68115065701	Advair Diskus	fluticasone-salmeterol 500 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
68115076001	Advair Diskus	fluticasone-salmeterol 100 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations
68115077507	Qvar	beclomethasone 80 mcg/inh inhalation aerosol with adapter	inhalation	inhaled corticosteroids
68115092460	Advair Diskus	fluticasone-salmeterol 250 mcg-50 mcg inhalation powder	inhalation	bronchodilator combinations

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## Input Guide

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## What Input Files to Prepare

The following list specifies what input files you prepare for processing:

- The claims data file (required)
- The member data file (required)
- The member term data file (required)

## Field Type Definitions and Input File Requirements

This chapter lists the field requirements for your input files. One of the attributes listed among the requirements is defined as "Type". There are four field types used to describe a field's value, and they are defined below.

Field Type	Definition
AlphaNum	A value made of letters and/or numbers. If a value of this type is made of numbers only, it will not be a value that can be operated on mathematically. For example, it would be inappropriate to subtract one procedure code from another procedure code even though both values may contain only numbers.
Num	A value made of numbers only, and which can logically be operated on mathematically. Age is an example of this type.  One particular field, while not used in mathematical calculations, is defined in the EBM Connect software as such that it accepts only numeric values. (To enter a non-numeric value would cause EBM Connect processing to stop.) Therefore, this field is defined as Num. It is the Case ID field in the optional disease registry input file.
Date	A value which can be interpreted as a date value. Values should always use four-digit years but the format may vary otherwise.
DecNum	A value made of numbers and a decimal point. These values can also logically be operated on mathematically.

## Claims Input File

The claims file contains detailed information on services that were billed or performed or otherwise rendered. The claims file includes:

- Medical claims, including medical services, facility services and clinic services
- Pharmacy claims, including billed prescriptions and drugs
- Lab claims, including lab test and results information

Field Name	Type	Length	Required or Optional
Family ID	AlphaNum	1-30	Always required for all claims
Patient ID	AlphaNum	0-2	Optional
Amount Paid	DecNum	1-11	Required for all claims
Amount Allowed	DecNum	0-11	Required for all claims
Procedure Code	AlphaNum	5	Required if there is no revenue code, NDC, or LOINC® code
Procedure Code Modifier	AlphaNum	2	Required for medical claims
Revenue Code	AlphaNum	0 or 4	Optional (applies to medical claims when used)
First Diagnosis Code	AlphaNum	5 or 6	Required for medical claims
Second Diagnosis Code	AlphaNum	0, 5 or 6	Optional (applies to medical claims when used)
Third Diagnosis Code	AlphaNum	0, 5 or 6	Optional (applies to medical claims when used)
Fourth Diagnosis Code	AlphaNum	0, 5 or 6	Optional (applies to medical claims when used)
First Date of Service	Date	8 or 10	Always required for all claims
Last Date of Service	Date	8 or 10	Required for all claims



Paid Date	Date	0, 8 or 10	Optional
Type of Service	AlphaNum	0-10	Optional
Provider ID	AlphaNum	1-20	Required for medical claims
Ordering Provider ID	AlphaNum	0-20	Optional
Provider Type	AlphaNum	1-10	Required for medical claims
Provider Specialty Type	AlphaNum	1-10	Required for medical claims
Provider Key	AlphaNum	1-20	Required for medical claims
NDC	AlphaNum	0 or 11	Required for Rx claims
Day Supply	Num	0-4	Required for Rx claims
Quantity Count	DecNum	0-10	Required for Rx claims
LOINC®	AlphaNum	0 or 7	Required for lab claims
Lab Test Result	AlphaNum	0-18	Required for lab claims
Place of Service	AlphaNum	1-10	Required for medical claims
Unique Record ID	AlphaNum	1-28	Required for all claims
Claim Number	AlphaNum	1-28	Required for all claims
Bill Type Frequency Indicator	Num	0 or 1	Optional
Patient Status	AlphaNum	1-2	Required for facility claims (involving admission or confinement).
Facility Type	AlphaNum	0-2	Optional
Bed Type	AlphaNum	0-1	Optional
First ICD-9 Procedure Code	AlphaNum	0, 4 or 5	Optional, but will impact results (applies to medical claims when used)
Second ICD-9 Procedure Code	AlphaNum	0, 4 or 5	Optional (see above)
Third ICD-9 Procedure Code	AlphaNum	0, 4 or 5	Optional (see above)
Fourth ICD-9 Procedure Code	AlphaNum	0, 4 or 5	Optional (see above)

## Field Descriptions

Instructions for each input field are as follows:

### Family ID

This field identifies all members of a family and can be any alphanumeric string.

**Note:** Remember that each Family ID (and Patient ID) listed in your claims input file must have a corresponding record in your member input data file and your member term data file.

**Patient ID**

This field identifies individual members within a family. If present, this field must be sorted within Family ID, so that all records for an individual are contiguous. If the Family ID uniquely identifies an individual, this field need not be specified (that is, its length in the dictionary will be zero).

**Amount Paid**

The amount paid for this claim line.

**Amount Allowed**

The allowed amount for this claim line. This amount typically represents the total amount reimbursed including deductibles, copays, coinsurance, insurer paid, etc.

**Procedure Code**

The procedure code must be one of:

- A procedure code specified in the Physician's Current Procedure Terminology, 4th Edition (CPT<sup>®</sup>-4 codes) defined by the American Medical Association, for the years 1997 and later.
- A procedure code specified by the HCFA Common Procedure Coding System, Level II code (HCPCS) defined by the Centers for Medicare and Medicaid Services (CMS) for the years 1999 and later.
- A National Uniform Billing Committee (NUBC) revenue code.

**Note:** When the NUBC code is entered in the Procedure Code field, it should be padded to the right with blanks because the Procedure Code field always occupies five characters.

- If your organization defines its own procedure codes and/or revenue codes, they must be mapped to standard procedure and revenue codes.

**Procedure Code Modifier**

Use this field to specify any procedure code modifier that accompanies the procedure code.

**Revenue Code**

The revenue code, if one was entered for the claim. Supported values in this field are NUBC revenue codes. If your organization defines its own revenue codes, they must be mapped to standard revenue codes.

The revenue code is an optional field, allowing you to define your input records so that you can place an NUBC revenue code and a CPT/HCPCS procedure code on a single record line.

For claim records that do not have a revenue code, leave the revenue code field blank.

**First Diagnosis Code Through Fourth Diagnosis Code**

Up to four diagnoses may be entered for each claim, but only the first is required.

If your organization defines its own diagnosis codes, they must be mapped to standard ICD-9 diagnosis codes.

**First Date of Service and Last Date of Service**

The first date and last date represented by the claim line. If you choose to use a date format with separators (such as YYYY/MM/DD or YYYY-MM-DD), the separators are ignored on input, so you can use any character as a separator. Valid formats include: YYYYMMDD, MMDDYYYY, DDMMYYYY, YYYY/MM/DD, MM/DD/YYYY, and DD/MM/YYYY, where the separator can be any character.

**Paid Date**

This field is optional. This is the date the claim was paid. The format of the paid date must be the same as that used in the First and Last Date of Service.

**Type of Service**

This is an optional code which represents the type of service (TOS) performed for this claim. If no specific value is available for this field, it should be filled with blanks. If this field is not used (i.e., its length is set to zero in the configuration), non-pharmaceutical claims with no procedure code will be treated as ancillary records.

**Provider ID**

Provider identification number from the claim. Used to identify who performed the service.

**Ordering Provider ID**

This is an optional field. This is the identification number of the provider who ordered the service.

**Provider Type**

This code represents the type of provider who performed the service. Examples of provider types would be chiropractor, nurse practitioner, medical doctor, counselor, pharmacy, hospital or treatment facility.

**Provider Specialty Type**

This code represents the specialty of the provider who performed the service.

**Provider Key**

Unique number or code for a physician who has multiple provider IDs or specialties. A single health care provider may have multiple provider IDs in your input claims data, but this person or entity should have only one provider key.

**NDC**

If this is a pharmaceutical claim, this field should contain the drug's NDC code. For non-pharmaceutical claim records, the NDC field should be filled with blanks.

**Day Supply**

For pharmacy records, the number of days a filled prescription is expected to last. If you have no pharmacy records, the Days Supply is an optional field.

**Quantity Count**

Quantity of drug dispensed in metric units:

Each - solid oral dosage forms (tablet, capsule), powder filled (dry) vials, packets, patches, units of use packages, suppositories, bars.

Milliliter - (cc) liquid oral dosage forms, liquid filled vials, ampules, reconstituted oral products.

Grams - ointments, bulk powders (not IV).

If you have no pharmacy records, the Quantity Count is an optional field.

**LOINC®**

Logical Observation Identifiers Names and Codes (LOINC®). The LOINC Code is a universal identifier for a lab test for a particular analyte. The LOINC User's Guide and database can be found at [www.regenstrief.org](http://www.regenstrief.org).

Enter a LOINC code if the record is a lab record. For non-lab records, leave the LOINC field blank.

If you have no lab records in your claims input, the LOINC code is optional.

**Notes:**

- (1) When using lab results data that has not been mapped to a LOINC code, map the comparable vendor-specific test number provided by the laboratory vendor(s) to one of these default codes.
- (2) This is a retired code which may be present on historical data, or which some laboratories may be continuing to use. Input record data with this code is included in the definition of this test.

**Lab Test Result**

If the record is a lab record, use this field to enter the result value of lab test. For non-lab records, this field should be blank.

If you have no lab records in your claims input, the Lab Test Result is optional.

**Place of Service**

Place of service (POS). You must map your internal POS codes to Centers for Medicare and Medicaid Services (CMS) standard POS codes.

**Unique Record ID**

This required field contains a unique identifier representing the service line from the claim. For medical services, this ID typically represents the service row from the CMS 1500 or CMS 1450/UB92 claim form.

**Claim Number**

A unique identifier used to link service lines for a specific claim submitted for a member. If a claim has multiple service lines, each service will have a unique record ID and the same claim number to represent the claim.

**Bill Type Frequency Indicator**

This optional field is used to indicate the disposition of confinements.

**Patient Status**

This field is required for facility claims. The contents will be the patient status indicator field from the NUBC UB-92 form. This field can denote whether the member died during a confinement.

**Facility Type**

This field is optional. Space for it is provided to allow for additional post grouping analysis. The contents will typically be the UB-92 facility type data value. This would allow records to be easily selected for diagnosis related grouping (DRG) based on the facility type.

**Bed Type**

If a value is present, this field acts as an additional discriminator in determining whether a Facility record extends an existing confinement or starts a new confinement.

**First ICD-9 Procedure Code Through Fourth ICD-9 Procedure Code**

If your claims have ICD-9 procedure codes, include them in your claims input file.

If a decimal point will appear in this field in your claim records, the length should be given as 5. If the decimal separator is not used, the length is 4. If these fields are unused, the length is zero.

## Member Input File

The member data file contains the most current information about the member.

### Field Descriptions

Field	Type	Length	Required or Optional
Family ID	AlphaNum	1-30	Required
Patient ID	AlphaNum	0-2	Optional
Patient Gender	AlphaNum	1	Required
Date of Birth	Date	8 or 10	Required
Member Beginning Eligibility Date	Date	0, 8 or 10	Optional
Member Ending Eligibility Date	Date	0, 8 or 10	Optional

Instructions for each input field are as follows:

#### Family ID

This field identifies all members of a family and can be any alphanumeric string. The records in the member file must be sorted first on the Family ID (together with Patient ID, if available) so that all records for an individual are contiguous.

#### Patient ID

This field identifies individual members within a family. If present, this field must be sorted within Family ID, so that all records for an individual are contiguous. If the Family ID uniquely identifies an individual, this field need not be specified (that is, its length in the dictionary will be zero).

#### Patient Gender and Date of Birth

The member's gender (F or M) and date of birth. If you choose to use a date format with separators (such as YYYY/MM/DD or YYYY-MM-DD), the separators are ignored on input, so you can use any character as a separator. Valid date formats include: YYYYMMDD, MMDDYYYY, DDMMYYYY, YYYY/MM/DD, MM/DD/YYYY, and DD/MM/YYYY, where the separator can be any character.

#### Member Beginning Eligibility Date and Ending Eligibility Date

The first date on which the member became covered under the plan and the last date of the member's coverage. If you choose to use a date format with separators (such as YYYY/MM/DD or YYYY-MM-DD), the separators are ignored on input, so you can use any character as a separator. Valid formats include: YYYYMMDD, MMDDYYYY, DDMMYYYY, YYYY/MM/DD, MM/DD/YYYY, and DD/MM/YYYY, where the separator can be any character.



## Member Term Input File

The member term data file contains member coverage and term activity information. Plan coverage begin and end dates are required in order to correctly calculate the other fields in the member term file. There may be more than one record per individual member.

### Field Descriptions

Field	Type	Length	Required or Optional
Family ID	AlphaNum	1-30	Required
Patient ID	AlphaNum	0-2	Optional
Member Beginning Eligibility Date	Date	8 or 10	Required
Member Ending Eligibility Date	Date	8 or 10	Required
Primary Care Provider	AlphaNum	20	Required
Provider Specialty Type	AlphaNum	1-10	Required
Medical Flag	AlphaNum	1	Required
Pharmacy Flag	AlphaNum	1	Required

Instructions for each input field are as follows:

#### Family ID

This field identifies all members of a family and can be any alphanumeric string. The records in the member term file must be sorted first on the Family ID (together with Patient ID, if available) so that all records for an individual are contiguous.

#### Patient ID

This field identifies individual members within a family.

#### Member Beginning Eligibility Date and Member Ending Eligibility Date

The first date on which the member became covered under the plan and the last date of the member’s coverage. If you choose to use a date format with separators (such as YYYY/MM/DD or YYYY-MM-DD), the separators are ignored on input, so you can use any character as a separator. Valid formats include: YYYYMMDD, MMDDYYYY, DDMMYYYY, YYYY/MM/DD, MM/DD/YYYY, and DD/MM/YYYY, where the separator can be any character.

#### Primary Care Provider

The provider key for the member’s primary care physician. A single health care physician may have multiple provider IDs in your input claims data, but this person should have only one provider key.

**Provider Specialty Type**

This code represents the specialty of the primary care physician.

**Medical Flag**

Identifies whether the member has medical coverage (Y or N).

**Pharmacy Flag**

Identifies whether the member has pharmacy coverage (Y or N).