

FDA-Approved Asthma and COPD Nebulizer Medications

Beta-2 Agonists Short-Acting

albuterol sulfate

brand available:
AccuNeb — Dey, L.P.
0.63 mg
1.25 mg



levalbuterol hydrochloride

brand available:
Xopenex — Sepracor Inc.
0.31 mg
0.63 mg
1.25 mg



Beta-2 Agonists Long-Acting

arformoterol tartrate

brand available:
Brovana — Sepracor Inc.
15 mcg



formoterol fumarate

brand available:
Perforomist — Dey, L.P.
20 mcg



Combination Short-Acting

ipratropium bromide and albuterol sulfate

brand available:
DuoNeb — Dey, L.P.
0.5 mg ipratropium bromide
and 3.0 mg albuterol sulfate



Corticosteroid

budesonide

brand available:
Pulmicort Respules — AstraZeneca
0.25 mg
0.5 mg
1 mg



FDA-Approved Generics

albuterol sulfate

0.63 mg
1.25 mg
2.5 mg

levalbuterol hydrochloride

0.31 mg
0.63 mg
1.25 mg

ipratropium bromide

0.5 mg
no brand available

ipratropium bromide and albuterol sulfate

0.5 mg ipratropium bromide
and 3.0 mg albuterol sulfate

budesonide

0.25 mg
0.5 mg

cromolyn sodium

10 mg
20 mg
no brand available

No FDA-Approved Generics Available

arformoterol tartrate

no generics available

formoterol fumarate

no generics available

Manufacturers of FDA-Approved Generic Medications for Nebulizers

Actavis Mid Atlantic Llc
Apotex Inc.
Bausch & Lomb
Breath Ltd
Cardinal Health
Cobalt Laboratories Inc.
Dey, L.P.
Hi-Tech Pharmacal Co., Inc.
Holopack International
TEVA Pharmaceutical
Morton Grove
Nephron Pharmaceuticals Corporation
Novex
Pharmascience Inc.
Respirare
RxElite Holdings, Inc.
Sandoz
Watson Pharmaceuticals, Inc.

FDA-Approved Nebulizer Medication

Use only Food and Drug Administration approved brand-name or generic medications intended for use in nebulizers. Ask your prescriber to write "Do not compound; do not substitute" on your prescription. Make sure that the prescription is filled with the medication your doctor prescribed.

Nebulizer medications are prescribed in unit-dose vials (usually packaged in sealed foil pouches) and multidose bottles.

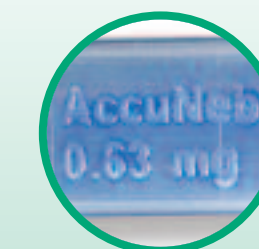
Unit-dose vials are a snap to use; simply open and pour premeasured and mixed solution or suspension into the nebulizer medication cup.

Multidose bottles are usually less expensive but require careful handling to avoid contaminating the solution. Wash your hands before opening the medicine. Use a sterile metered syringe to measure out medication; mix with sterile saline solution in the nebulizer medication cup.

NOTE: Some multidose bottles contain preservatives, such as benzalkonium chloride (BAC) and disodium ethylene diamine tetraacetic acid (EDTA), which can sometimes irritate sensitive airways. Talk with your healthcare provider if your symptoms are not responding to the medication the way you expect them to.



Expiration date embossed onto vial



Medication name and dosage embossed onto vial



Medication lot number embossed onto vial



Pharmaceutical manufacturer name embossed onto vial

Not FDA-Approved Nebulizer Medication

Imposters come in all shapes and sizes. The plastic "wings" and paper labels are clues to question the safety, source, potency, sterility and inactive ingredients.

The source of ingredients in your nebulizer vial may be unknown — and untraceable.

Do not use a nebulizer medication that smells foul, rotten or spoiled, or like it may contain rubbing alcohol. Stop the nebulizer treatment if the medication becomes foamy or bubbly during nebulization.



Don't assume a patent number applies to a medication. This one refers to the plastic vial.



Paper labels leach toxins into nebulizer solutions; all lack FDA-mandated information such as dose, expiration date and lot number.

For more information: aanma.org/advocacy