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**FRONT** 

Arformoterol Tartrate Inhalation Solution delivered from non-compressor based nebulizer mber and percent of patients who reported adverse events were 202 (70%) in the **PATIENT INFORMATION** One unit dose vial of Arformoterol Tartrate 5 mcg twice daily and 219 (75%) in the placebo groups. Ten adverse events demonstrate dose relationship: asthenia, fever, bronchitis, COPD, headache, vomiting, hyperkalemia 3 DOSAGE FORMS AND STRENGTHS **Arformoterol Tartrate** Inhalation Solution is 1 dose. The usual dose of Arformoterol Tartrate Inhalation Solution is supplied as a sterile solution for nebulization in low-density polyethylene unit-dose vials. Each 2 mL vial contains 15 mcg of arformoterol (ar" for moe' ter ol tar' trate) Arformoterol Tartrate Inhalation Solution is 1 unit Inhalation Solution dose vial, 2 times a day (morning and evening) CONTRAINDICATIONS Arformoterol Tartrate Arformoterol Tartrate Inhalation Solution is contraindicated in patients with a history of hypersensitivity to arformoterol, racemic formoterol or to any other components of this What is Arformoterol Tartrate Inhalation Solution? breathed in through your nebulizer machine. The 2 15 mcg twice daily Arformoterol Tartrate Inhalation Solution is for doses should be taken about 12 hours apart. **Do not** 55.033mm long-term use and should be taken 2 times each day use more than 2 unit dose vials of Arformoterol (100) 293 (100) cortisteroid is contraindicated in patients with asthma [see Warnings and Precautions (5 Arformoterol Tartrate Inhalation Solution is not indicated for the treatment of asthma. (morning and evening), to help control the Tartrate Inhalation Solution a day. WARNINGS AND PRECAUTIONS MARNINGS AND PRECAUTIONS
 Serious Asthma-Related Events - Hospitalizations, Intubations, Deaths
 The safety and efficacy of Arformoterol Tartrate Inhalation Solution in patients with asthma have not been established. Arformoterol Tartrate Inhalation Solution is not indicated for the treatment of asthma fsee Contraindications (4)].
 Use of long-acting beta, adrenergic agonists (LABA) as monotherapy (without inhaled corticosteroids (ICS)) for asthma is associated with an increased risk of asthma-related death. Available data from controlled clinical trials also suggest that use of LABA as monotherapy increases the risk of asthma-related hospitalization in pediatric 19 (7) 19 (6) symptoms of chronic obstructive pulmonary Do not swallow or inject Arformoterol Tartrate disease (COPD) for better breathing. Inhalation Solution. 16 (6) 13 (4) COPD is a chronic lung disease that includes chronic Arformoterol Tartrate Inhalation Solution is for use 12 (4) 6 (2) bronchitis, emphysema, or both. with a standard jet nebulizer machine connected to related death. Available data from controlled clinical trials also suggest that use of LABA as monotherapy increases the risk of asthma-related hospitalization in pediatric and adolescent patients. These findings are considered a class effect of LABA monotherapy. When LABA are used in fixed-dose combination with ICS, data from large clinical trials do not show a significant increase in the risk of serious asthma-related events (hospitalizations, intubations, and death) compared with ICS alone. A 28-week, placebo-controlled US study comparing the safety of another LABA (salmeterol) with placebo, each added to usual asthma therapy, showed an increase in asthma-related deaths in patients receiving salmeterol (13/13,176 in patients treated with salmeterol vs. 3/13,179 in patients treated with placebo; RR 4.37, 95% Cl 1.25, 15.34). The increased risk of asthma-related death is considered a class effect of the LABA, including Arformoterol Tartrate Inhalation Solution. **Arformoterol Tartrate Inhalation Solution is only for** an air compressor. Read the complete instructions for use at the end of this Patient Information leaflet use with a nebulizer. Long acting beta, adrenergic agonist (LABA) before starting Arformoterol Tartrate Inhalation 8 (3) 7 (2) medicines, such as Arformoterol Tartrate Inhalation Solution Reported terms coded to "Lung Disorder" were predominantly pulmonary o Do not mix other medicines with Arformoterol Solution, help the muscles around the airways in your lungs stay relaxed to prevent symptoms, such Tartrate Inhalation Solution in your nebulizer Adverse events occurring in patients treated with Arformoterol Tartrate Inhalation Solution 15 mcg twice daily with a frequency of <2%, but greater than placebo, were as as wheezing, cough, chest tightness, and shortness No study adequate to determine whether the rate of asthma-related death is increased in patients treated with Arformoterol Tartrate Inhalation Solution has been conducted. Clinical studies with racemic formoterol suggested a higher incidence of serious asthma exacerbations in patients who received racemic formoterol than in those who received placebo. The sizes of these studies were not adequate to precisely quantify the differences in serious arthmatographs in a proper place of the process of the second proce of breath. While you are using Arformoterol Tartrate Inhalation Body as a Whole: abscess, allergic reaction, digitalis intoxication, fever, hernia, injection 55.033mm Arformoterol Tartrate Inhalation Solution is not Solution 2 times each day: Cardiovascular: arteriosclerosis, atrial flutter, AV block, congestive heart failure, heart block, myocardial infarct, QT interval prolonged, supraventricular tachycardia, inverted used to treat sudden symptoms of COPD. Always o **Do not use** other medicines that contain a asthma exacerbation rates between treatment groups.

Available data do not suggest an increased risk of death with use of LABA in have a short-acting beta<sub>2</sub>-agonist medicine (rescue long-acting beta<sub>2</sub>-agonist (LABA) for any reason. Digestive: constipation, gastritis, melena, oral moniliasis, periodontal abscess, rectal inhaler) with you to treat sudden symptoms of o **Do not use** your short-acting beta<sub>2</sub>-agonist 5.2 Deterioration of Disease and Acute Episodes Arformoterol Tartrate Inhalation Solution should not be initiated in patients with acutely deteriorating COPD, which may be a life-threatening condition. The use of Arformoterol Tartrate Inhalation Solution in this setting is inappropriate. Metabolic and Nutritional Disorders: dehydration, edema, glucose tolerance decreased, COPD. If you do not have a rescue inhaler, contact medicine on a regular basis (four times a day). your healthcare provider to have one prescribed for **Arformoterol Tartrate Inhalation Solution does not** Musculoskeletal: arthralgia, arthritis, bone disorder, rheumatoid arthritis, tendinous Arformoterol Tartrate Inhalation Solution is not indicated for the treatment of acute relieve sudden symptoms of COPD. Always have a Nervous: agitation, cerebral infarct, cirumoral paresthesia, hypokinesia, paralysis, episodes of bronchospasm, i.e., as rescue therapy and extra doses should not be used for hat purpose. Acute symptoms should be treated with an inhaled short-acting **Arformoterol Tartrate Inhalation Solution is not for** rescue inhaler medicine with you to treat sudden Respiratory: carcinoma of the lung, respiratory disorder, voice alteration the treatment of asthma. It is not known if symptoms. If you do not have a rescue inhaler Skin and Appendages: dry skin, herpes simplex, herpes zoster, skin discoloration, skin Do not initiate Arformoterol Tartrate Inhalation Solution in acutely deteriorating ort-acting beta<sub>2</sub>-agonists on a regular basis (e.g., four times a day) should be to discontinue the regular use of these drugs and use them only for Arformoterol Tartrate Inhalation Solution is safe and medicine, call your healthcare provider to have one instructed to discontinue the regular use of these drugs and use them only for symptomatic relief of acute respiratory symptoms. When prescribing Arformotorol Tartrate Inhalation Solution, the healthcare provider should also prescribe an inhaled, short-acting beta-agonist use and instruct the patient how it should be used. Increasing inhaled beta-agonist use is a signal of deteriorating disease for which prompt medical attention is indicated. COPD may deteriorate acutely over a period of hours or chronically over several days or longer. If Arformoterol Tartrate Inhalation Solution no longer controls the symptoms of bronchoconstriction, or the patient's inhaled, short-acting beta-agonist becomes less effective or the patient needs more inhalation of short-acting beta-agonist than usual these may be markers of deterioration of disease, in this settling a regulation These highlights do not include all the information needed to use Special Senses: abnormal vision, glaucoma ARFORMOTEROL TARTRATE INHALATION SOLUTION safely and effectively. • Do not use for relief of acute symptoms. Concomitant short-acting beta<sub>2</sub>-agonists effective in people with asthma. prescribed for you. **Urogenital:** breast neoplasm, calcium crystalluria, cystitis, glycosuria, hematuria, kidney calculus, nocturia, PSA increase, pyuria, urinary tract disorder, urine abnormality. can be used as needed for acute relief. (5.2) See full prescribing information for ARFORMOTEROL TARTRATE INHALATION SOLUTION **Arformoterol Tartrate Inhalation Solution should Do not** stop using Arformoterol Tartrate Inhalation Do not exceed the recommended dose. Excessive use of Arformoterol Tartrate Inhalation Solution, or use in conjunction with other medications containing ARFORMOTEROL TARTRATE Inhalation Solution In these trials, the overall frequency of all cardiovascular adverse events was 6.9% in Arformoterol Tartrate Inhalation Solution 15 mcg twice daily and 13.3% in the placebo group. There were no frequently occurring specific cardiovascular adverse events for Arformoterol Tartrate Inhalation Solution (frequency ≥1% and greater than placebo). The **not be used in children.** It is not known if Solution or other medicines to control or treat your Initial U.S. Approval: 2006 long-acting beta2-agonists, can result in clinically significant cardiovascular effects, Arformoterol Tartrate Inhalation Solution is safe COPD unless told to do so by your healthcare may be fatal. (5.3, 5.5) ---INDICATIONS AND USAGE---55.033mm Life-threatening paradoxical bronchospasm can occur. Discontinue Arformoterol Arformoterol Tartrate Inhalation Solution is a long-acting beta<sub>2</sub>-adrenergic agonist and effective in children. provider because your symptoms might get worse. than usual, these may be markers of deterioration of disease. In this setting, a reeva rate of COPD exacerbations was also comparable between the Arformoterol Tartrate Inhalation Solution 15 mcg twice daily and placebo groups, 12.2% and 15.1%, respectively. Tartrate Inhalation Solution immediately. (5.4) of the patient and the COPD treatment regimen should be undertaken at once. Increasing the daily dosage of Arformoterol Tartrate Inhalation Solution beyond the recommended Use with caution in patients with cardiovascular or convu or with sensitivity to sympathomimetic drugs. (5.6, 5.7) Long-term, twice daily (morning and evening) administration in the Your healthcare provider will change your medicines Do not use Arformoterol Tartrate Inhalation Solution if <u>Adults with COPD in Long-Term (52-week) Safety Trial</u>
Arformoterol Tartrate Inhalation Solution was evaluated in one 52 week double-blind naintenance treatment of bronchoconstriction in patients with chronic 5 mcg twice daily dose is not appropriate in this situation. as needed. Arformoterol Tartrate Inhalation Solution was evaluated in one 52 week double-blind, randomized, placebo-controlled, safety trial conducted in patients with moderate to severe COPD. The primary endpoint was time to either respiratory death or first COPD exacerbation-related hospitalization, whichever occurred first. The event had to be a death or hospitalization for which the patients' respiratory status was predominant and/or inciting contributor, as determined by the clinical investigator. The objective of the trial was to demonstrate that the risk of respiratory death or COPD exacerbation-related hospitalization for patients treated with Arformoterol Tartrate Inhalation Solution was not greater than 40% more than the risk for patient treated with placebo. A total of 841 patients (479 males and 361 females, ages 41 to 94 years old) with COPD were randomized: 420 to Arformoterol Tartrate Inhalation Solution 15 mcz twice daily and 421 bstructive pulmonary disease (COPD), including chronic bronchitis and 5.3 Excessive Use of Arformoterol Tartrate Inhalation Solution and Use with -----ADVERSE REACTIONS----Other Long-Acting Beta<sub>2</sub>-Agonists

Fatalities have been reported in association with excessive use of inhaled sympathomimetic drugs. As with other inhaled beta<sub>2</sub>-aderenergic drugs, Arformoterol Tartrate Inhalation Solution should not be used more often, at higher doses than recommended, or in conjunction with other medications containing long-acting beta<sub>2</sub>-agonists. emphysema. (1.1) flost common adverse reactions (≥2% incidence and more common than placebo) are are allergic to arformoterol, racemic formoterol, or Call your healthcare provider or get emergency medical portant limitations of use: pain, chest pain, back pain, diarrhea, sinusitis, leg cramps, dyspnea, rash, flu syndrome, Arformoterol Tartrate Inhalation Solution is not indicated to treat acute deteriorations of chronic obstructive pulmonary disease. (1.2, 5.2) any of the ingredients in Arformoterol Tartrate care right away if your breathing problems worsen with 330.2mm Inhalation Solution. Ask your healthcare provider if Arformoterol Tartrate Inhalation Solution, you need to use Arformoterol Tartrate Inhalation Solution is not indicated to treat asthma. (1.2) To report SUSPECTED ADVERSE REACTIONS, contact Ritedose Pharmaceuticals, LLC at 5.4 Paradoxical Bronchospasm

As with other inhaled beta-agonists, Arformoterol Tartrate Inhalation Solution can produce paradoxical bronchospasm that may be life-threatening. If paradoxical brochospasm occurs, Arformoterol Tartrate Inhalation Solution should be discontinued 1-855-806-3300 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch. you are not sure. See the end of this leaflet for a your rescue medicine more often than usual, or your ---DOSAGE AND ADMINISTRATIONonly pauerits (47.9 Indies and 50.1 remaies, ages 41 to 94 years old) with COPD were randomized: 420 to Afromoterol Tartrate Inhalation Solution 15 mcg twice daily and 421 to placebo. Of the randomized patients, 255 (61%) in the Afromoterol Tartrate Inhalation Solution group and 211 (50%) in the placebo group, completed one year of treatment. The trial objective was met demonstrating that COPD patients treated with Afromoterol Tartrate Inhalation Solution are not at an increased risk of respiratory death or COPD exacerbation, related hospitalizations compared to placebo -----DRUG INTERACTIONS-----For oral inhalation only. complete list of ingredients in Arformoterol Tartrate rescue inhaler medicine does not work as well for you at Other adrenergic drugs may potentiate effect. Use with caution. (5.3, 7.1)
Xanthine derivatives, steroids, diuretics, or non-potassium sparing diurectics may A total daily dose of greater than 30 mcg is not recommended. (2) immediately and alternative therapy instituted. Inhalation Solution. relieving symptoms. One 15 mcg/2 mL vial every 12 hours. (2) For use with a standard jet nebulizer (with a face mask or mouthpiece) potentiate hypokalemia or ECG changes. Use with caution. (5.7. 7.2, 7.3) have asthma. MAO inhibitors, tricyclic antidepressants and drugs that prolong the QTc interval may potentiate effect on the cardiovascular system. Use with extreme caution. (7.4) terol Tartrate Inhalation Solution, like other beta<sub>2</sub>-agonists, can produce a What are the possible side effects of Arformoterol Arrormoterol intrate Initiation Solution, like Otter Deta, agonists, cair produce a clinically significant cardiovascular effect in some patients as measured by increases in pulse rate, systolic and/or diastolic blood pressure, and/or symptoms. If such effects occur, the drug may need to be discontinued. In addition, beta-agonists have been reported to produce ECG changes, such as flattening of the T-wave, prolongation of the QTc interval, and ST segment depression. The clinical significance of these findings is unknown. Arformoterol Tartrate Inhalation Solution, as with other sympathomimetic amines, should be used with caution in patients with cardiovascular disorders, especially coronary insufficiency, cardiac arrhythmias, and hypertension. Before you use Arformoterol Tartrate Inhalation Solution, -- DOSAGE FORMS AND STRENGTHS-**Tartrate Inhalation Solution?** DRUG INTERACTIONS Beta-blockers may decrease effectiveness. May block bronchodilatory effects of nhalation Solution (unit-dose vial for nebulization): 15 mcg/2 mL solution (3) **7.1** Adrenergic Drugs
If additional adrenergic drugs are to be administered by any route, they should be used with caution because the sympathetic effects of arformoterol may be potentiated [see Warnings and Precautions (5.3, 5.5, 5.6, 5.7)]. tell your healthcare provider about all of your medical **Arformoterol Tartrate Inhalation Solution can cause** ----CONTRAINDICATIONS---------USE IN SPECIFIC POPULATIONS---conditions, including if you: Arformoterol Tartrate Inhalation Solution is contraindicated in patients with a history of hypersensitivity to arformoterol, racemic formoterol or to any other serious side effects, including: Hepatic Impairment
 Use with caution in patients with hepatic impairment. (8.6) 55.033mm have heart problems people with asthma who take long-acting 7.2 Xanthine Derivatives, Steroids or Diuretics Concomitant treatment with methylxanthine (aminophylline, theophylline), steroids, or diuretics may potentiate any hypokalemic effect of adrenergic agonists including Arformoterol Tartrate Inhalation Solution [see Warnings and Precautions (5.7)]. components of this product. (4) 5.6 Coexisting Conditions
Arformoterol Tartrate Inhalation Solution, like other sympathomimetic amines, should be used with caution in patients with cardiovascular disorders, especially coronary insufficiency, cardiac arrhythmias, and hypertension; in patients with convulsive disorders or thyrotoxicosis, and in patients who are unusually responsive to sympathomimetic amines. In two peoples 12 works bloods controlled trials investigate afformation. Tartrate Use of a LABA, including Arformoterol Tartrate Inhalation Solution, without an inhaled corticosteroid is contraindicated in patients with asthma. (4) have high blood pressure See 17 for PATIENT COUNSELING INFORMATION and Patient Information beta,-adrenergic agonist (LABA) medicines, such as have seizures arformoterol (the medicine in Arformoterol The concurrent use of intravenously or orally administered methylxanthines (e.g., aminophylline, theophylline) by patients receiving Arformoterol Tartrate Inhalation Solution has not been completely evaluated. In two combined 12-week, placebo-controlled trials that included Arformoterol Tartrate Inhalation Solution doses of 15 mcg twice daily, 25 mcg twice daily, and 50 mcg once daily, 54 of 873 Arformoterol Tartrate Inhalation -----WARNINGS AND PRECAUTIONS----Tartrate Inhalation Solution), without also using a have thyroid problems LABA as monotherapy (without an inhaled corticosteroid) for asthma increases the risk of serious asthma-related events. (5.1) n two pooled, 12-week, placebo-controlled trials investigating Arformoterol Tartrate nhalation Solution doses of 15 µg BID, 25 µg BID, and 50 µg QD, changes in mean predose have diabetes medicine called an inhaled corticosteroid have an and 2-hour post dose systolic and/or diastolic blood pressure were seen as a general fall of 2-4 mm/Hg; for pulse rate the mean of maximal increases were 8.8-12.0 beats/min. Over have liver problems increased risk of serious problems from asthma, Solution-treated subjects received concomitant theophylline at study entry. In a 12-month controlled trial that included 50 mg once daily Arformoterol Tartrate Inhalation Solution dose, 30 of the 528 Arformoterol Tartrate Inhalation Solution-treated subjects received FULL PRESCRIBING INFORMATION: CONTENTS\* 8 USE IN SPECIFIC POPULATIONS  $Z^{-4}$  mm/rig; for pulse rate the mean of maximal increases were 8.8–12.0 beats/min. Over the course of a one-year study measuring serial electrocardiograms while receiving a dose of 50 mcg daily of Arformoterol Tartrate Inhalation Solution resulted in an approximately 3.0 ms increase in  $QT_{\rm cF}$  compared to the active comparator, salmeterol. Doses of the related beta-agonist albuterol, when administered intravenously, have been reported to aggravate preexisting diabetes mellitus and ketoacidosis. are pregnant or plan to become pregnant. It is not including being hospitalized, needing a tube placed INDICATIONS AND USAGE itant theophylline at study entry. In these trials, heart rate and systolic blood known if Arformoterol Tartrate Inhalation Solution in their airway to help them breath, or death. 8.4 Pediatric Use pressure were approximately 2-3 bpm and 6-8 mm Hg higher, respectively, in subjects on concomitant theophylline compared with the overall population. 8.5 Geriatric Use 8.6 Hepatic Impairme DOSAGE AND ADMINISTRATION can harm your unborn baby o Call your healthcare provider if breathing 5.7 Hypokalemia and Hyperglycemia
Beta-agonist medications may produce significant hypokalemia in some patients, possibly
through intracellular shunting, which has the potental to produce adverse cardiovascular
effects [see Clinical Pharmacology (12.2)]. The decrease in serum potassium is usually  $\hbox{\bf 7.3 \ Non-potassium Sparing Diuretics}$  The ECG changes and/or hypokalemia that may result from the administration of are breastfeeding or plan to breastfeed. It is not problems worsen over time while using CONTRAINDICATIONS non-potassium sparing diuretics (such as loop or thiazide diuretics) can be acutely worsened by beta-agonists, especially when the recommended dose of the beta-agonist is WARNINGS AND PRECAUTIONS 9 DRUG ABUSE AND DEPENDENCE known if the arformoterol or any other ingredients in **Arformoterol Tartrate Inhalation Solution.** 5.2 Deterioration of Disease and Acute Episodes transient, not requiring supplementation. Beta-agonist medications may produce transient exceeded. Although the clinical significance of these effects is not known, caution is Arformoterol Tartrate Inhalation Solution passes into You may need a different treatment. 11 DESCRIPTION hyperglycemia in some patients. advised in the co-administration of beta-agonists, including Arformoterol Tartrate Inhalation Solution, with non-potassium sparing diuretics. 5.3 Excessive Use of Arformoterol Tartrate Inhalation Solution and Use with 12 CLINICAL PHARMACOLOGY Clinically significant and dose-related changes in serum potassium and blood glucose were infrequent during clinical trials with long-term administration of Arformoterol Tartrate your milk and if it can harm your baby. You and your o Get emergency medical care if: Other Long-Acting Beta<sub>2</sub>-Agonists 7.4 MAO Inhibitors, Tricyclic Antidepressants, QTc Prolonging Drugs 5.4 Paradoxical Bronchospasm 12.2 Pharmacodynamics healthcare provider should decide if you will take your breathing problems worsen quickly. Inhalation Solution at the recommended dos 5.5 Cardiovascular Effects 12.3 Pharmacokinetics 55.033mm nistered with extreme caution to patients being treated with monoamine oxidase itors, tricyclic antidepressants, or drugs known to prolong the QTc interval because of 5.8 Immediate Hypersensitivity Reactions Arformoterol Tartrate Inhalation Solution or .6 Coexisting Conditions you use a rescue inhaler medicine, but it does Immediate hypersensitivity reactions may occur after administration of Arformoterol Tartrate Inhalation Solution as demonstrated by cases of anaphylactic reaction, urticaria, 5.7 Hypokalemia and Hyperglycemia 13 NONCLINICAL TOXICOLOGY the effect of adrenergic agonists on the cardiovascular system may be potentiated by these agents. Drugs that are known to prolong the QTc interval have an increased risk of breastfeed. not relieve your breathing problems. 13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility 13.2 Animal Toxicology and/or Pharmacology angioedema, rash and bronchospasm. ADVERSE REACTIONS **COPD symptoms that get worse over time.** If your 6 ADVERSE REACTIONS Tell your healthcare provider about all the medicines you 6.1 Beta<sub>2</sub>-Agonist Adverse Reaction Profile 7.5 Beta-Blockers
Beta-adrenergic receptor antagonists (beta-blockers) and Arformoterol Tartrate Inhalation Solution may inhibit the effect of each other when administered concurrently. Beta-blockers not only block the therapeutic effects of beta-agonists, but may produce severe bronchospasm in COPD patients. Therefore, patients with COPD should not normally be treated with beta-blockers. However, under certain circumstances, e.g., as prophylaxis after myocardial infarction, there may be no acceptable alternatives to the use of beta-blockers in patients with COPD. In this setting, cardioselective beta-blockers could be considered, although they should be administered with caution. 7.5 Beta-Blockers 14 CLINICAL STUDIES Long-acting beta<sub>2</sub>-adrenergic agonists, such as Arformoterol Tartrate, as monotherapy COPD symptoms worsen over time, do not increase 6.2 Clinical Trials Experience 14.1 Adult COPD Trials take including prescription and over-the-counter (without inhaled corticosteroids) for asthma increase the risk of asthma-related events. Arformoterol Tartrate Inhalation Solution is not indicated for the treatment of asthma HOW SUPPLIED/STORAGE AND HANDLING your dose of Arformoterol Tartrate Inhalation medicines, vitamins and herbal supplements. Arformoterol 7.1 Adrenergic Drugs 17 PATIENT COUNSELING INFORMATION [see Warnings and Precautions (5.1)]. 7.2 Xanthine Derivatives, Steroids or Diuretics7.3 Non-potassium Sparing Diuretics Solution, instead call your healthcare provider. Adverse reactions to Arformoterol Tartrate Inhalation Solution are expected to be similar in nature to other beta;-adrenergic receptor agonists including: angina, hypertension or hypotension, tachycardia, arrhythmias, nervousness, headache, tremor, dry mouth, palpitation, muscle cramps, nausea, dizziness, fatigue, malaise, hypokalemia, hyperglycemia, metabolic acidosis and insomnia. 6.1 Beta<sub>2</sub>-Agonist Adverse Reaction Profile Tartrate Inhalation Solution and certain other medicines \*Sections or subsections omitted from the full prescribing information are not listed. using too much of a LABA medicine may cause: may interact with each other. This may cause serious side 7.4 MAO Inhibitors, Tricyclic Antidepressants, QTc Prolonging Drugs 7.5 Beta-Blockers o increased blood pressure o chest pain USE IN SPECIFIC POPULATIONS Arformoterol Tartrate Inhalation Solution should be administered by the orally inhaled route via a standard jet nebulizer connected to an air compressor (see the accompanying Patient Information). Arformoterol Tartrate Inhalation Solution should not be swallowed. Arformoterol Tartrate Inhalation Solution should be stored refrigerated in foil pouches. After opening the pouch, unused unit-dose vials should be returned to, and stored in, the pouch. An opened unit-dose vial should be used right away. o fast and irregular o headache FULL PRESCRIBING INFORMATION Know the medicines you take. Keep a list of them to show **6.2 Clinical Trials Experience**Because clinical trials are conducted under widely varying conditions, adverse reaction summary reare no adequate and well-controlled studies in pregnant women. Arformoterol heartbeat INDICATIONS AND USAGE 1.1 Maintenance Treatment of COPD

Arformoterol Tartrate Inhalation Solution is indicated for the long-term, twice daily (morning and evening) maintenance treatment of bronchoconstriction in patients with chronic obstructive pulmonary disease (COPD), including chronic bronchitis and emphysema. Arformoterol Tartrate Inhalation Solution is for use by nebulization only. your healthcare provider and pharmacist each time you get Tartrate Inhalation Solution should only be used during pregnancy if the expected benefit to the patient outweighs the potential risk to the fetus. Women should be advised to contact their physician if they become pregnant while taking Arformoterol Tartrate Inhalation Solution. In animal reproduction studies with arformoterol administered by the rates observed in clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in clinical practice. o tremor o nervousness a new medicine. Adults with COPD in Short-Term Triols (12 weeks)

The safety data described below for adults 235 years of age are based on 2 clinical trials of 12 weeks. In the 2 trials of 12 weeks duration, 1456 patients (860 males and 596 females, ages 34 to 89 years old) with COPD were treated with Arformoterol Tartrate Inhalation Solution 15 mcg twice daily, 25 mcg twice daily, 50 mcg once daily, salmeterol 42 mcg twice daily, 50 placebo. The racial/ethic distribution in these two trials included 1383 Caucasians, 49 Blacks, 10 Asians, and 10 Hispanics, and 4 patients classified as Other. sudden shortness of breath immediately after use If the recommended maintenance treatment regimen fails to provide the usual response, medical advice should be sought immediately, as this is often a sign of destabilization of COPD. Under these circumstances, the therapeutic regimen should be reevaluated and additional therapeutic options should be considered. **How should I use Arformoterol Tartrate Inhalation** oral route to rats and rabbits at exposures approximately 370 and 8,400 times the adult exposure at the maximum recommended human daily inhalation dose (MRHDID) of of Arformoterol Tartrate Inhalation Solution. 1.2 Important Limitations of Use
Arformoterol Tartrate Inhalation Solution is not indicated to treat acute deteriorations of chronic obstructive pulmonary disease [see Warnings and Precoutions Solution? Sudden shortness of breath may be life threating. If 15 mcg every 12 hours, respectively, there were findings of structural abnormalities embryofetal and infant mortality, and alterations of growth. These adverse effects generally occurred at large multiples of the MRHDID when arformoterol was administered by the oral route to achieve high systemic exposures. No evidence of fetal harm was observed in rabbits at an exposure approximately 4,900 times the MRHDID. 55.033mm Read the step-by-step Instructions for Use for you have sudden breathing problems immediately No dose adjustment is required for patients with renal or hepatic impairment. However, since the clearance of Arformoterol Tartrate Inhalation Solution is prolonged in patients with hepatic impairment, they should be monitored closely. Arformoterol Tartrate Inhalation Solution at the end after inhaling your medicine, stop taking Among the 1,456 COPD patients in two 12-week, placebo-controlled trials, 288 were Arformoterol Tartrate Inhalation Solution is not indicated to treat asthma. The safety and effectiveness of Arformoterol Tartrate Inhalation Solution in asthma have not been of this Patient Information leaflet. The estimated background risk of major birth defects and miscarriage for the indicated The drug compatibility (physical and chemical), efficacy, and safety of Arformoterol Tartrate Inhalation Solution when mixed with other drugs in a nebulizer have not been Arformoterol Tartrate Inhalation Solution and call treated with placebo. Doses of 25 mcg twice daily and 50 mcg once daily were also DOSAGE AND ADMINISTRATION

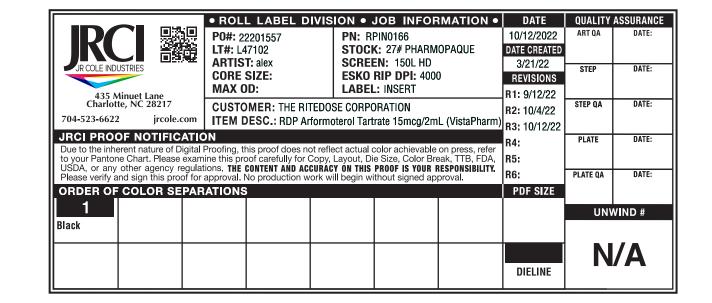
he recommended dose of Arformoterol Tartrate Inhalation Solution is one recommended dose of Arformoterol Tartrate Inhalation Solution is one recommended. pulation is unknown. In the U.S. general population, the estimated background risk of jor birth defects and miscarriage in clinically recognized pregnancies is 2-4% and Use Arformoterol Tartrate Inhalation Solution exactly your healthcare provider or go to the nearest Table 1 shows adverse reaction rates among patients from these two trials where the 15-20%, respectively. The safety and efficacy of Arformoterol Tartrate Inhalation Solution have been established in clinical trials when administered using the PARI LC® Plus nebulizer (with a face mask or mouthpiece) and the PARI DURA NEB $^{\rm IM}$  3000 compressor. The safety and efficacy of as prescribed. Do not use Arformoterol Tartrate The recommended dose of section of the control of t hospital emergency room right away. ency was greater than or equal to 2% in the Arformoterol Tartrate Inh 15 mcg twice daily group and where the rate in the Arformoterol Tartrate Inhalation Solution 15 mcg twice daily group exceeded the rate in the placebo group. The total Inhalation Solution more often than prescribed.

## TRC 330.2mm x 533.4mm Package Insert (Folded 55.033mm x 76.2mm)

76.20mm

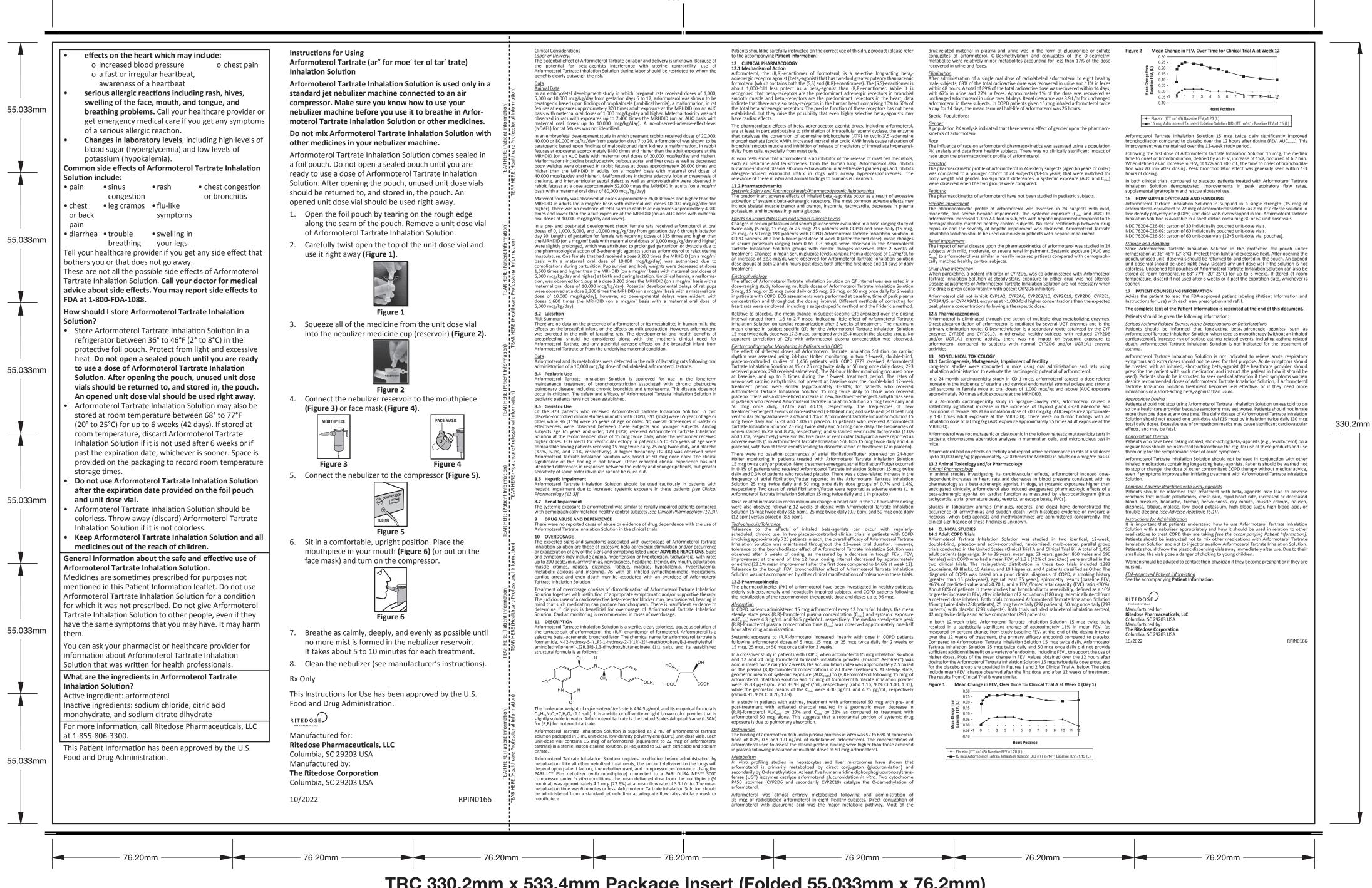
76.20mm

76.20mm



APPROVED BY: DATE APPROVED BY:

## **BACK**



## TRC 330.2mm x 533.4mm Package Insert (Folded 55.033mm x 76.2mm)

