ABSTRACT

Title: Stabilized Medicinal Aerosol Solution Formulations

Stabilized medicinal aerosol solution formulations comprising medicaments that degrade or decompose by interaction with solvents or water, an HFC propellant, a cosolvent and an acid are described. Further, specific medicinal aerosol solution formulations comprising ipratropium bromide or fenoterol, ethyl alcohol, 1,1,1,2-tetrafluoroethane or 1,1,1,2,3,3,3-heptafluoropropane, and either an inorganic acid or an organic acid are described. The acids are present in amounts sufficient to reduce the degradation of the medicaments to acceptable levels.