
Product Data Sheet

Product Name: meta-Fexofenadine

Cat. No.: GC61522

Chemical Properties

Cas. No. 479035-75-1

SMILES O=C(O)C(C)(C)C1=CC=CC(C(O)CCCN2CCC(C(C3=CC=CC=C3)(O)C4=CC=CC=C4)CC2)=C1Formula C₃₂H₃₉NO₄ M.Wt 501.66

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure **Background**

meta-Fexofenadine (meta-MDL-16455) is an impurity of Fexofenadine[1]. Fexofenadine, a H1R antagonist, is an anti-allergic agent used in seasonal allergic rhinitis and chronic idiopathic urticarial[2].

[1]. Maher HM, et al. Development of validated stability-indicating chromatographic method for the determination of fexofenadine hydrochloride and its related impurities in pharmaceutical tablets. Chem Cent J. 2011 Dec 3;5(1):76. [2]. Watanabe N, et al. The effects of fexofenadine on eosinophilia and systemic anaphylaxis in mice infected with *Trichinella spiralis*. Int Immunopharmacol. 2004 Mar;4(3):367-75.

Caution: Product has not been fully validated for medical applications. For research use only.

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