

PF 03654746 FA

Chemical Properties

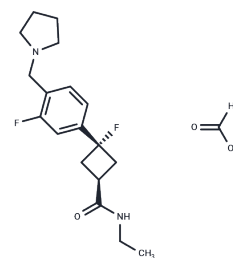
CAS No. :

Formula: C₁₉H₂₆F₂N₂O₃

Molecular Weight: 368.42

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	PF 03654746 FA is a human histamine receptor H(3) antagonist that can be used to study cognitive impairment and Alzheimer's disease.
Targets(IC50)	Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7143 mL	13.5715 mL	27.1429 mL
5 mM	0.5429 mL	2.7143 mL	5.4286 mL
10 mM	0.2714 mL	1.3571 mL	2.7143 mL
50 mM	0.0543 mL	0.2714 mL	0.5429 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Stokes JR, et al. The effects of an H3 receptor antagonist (PF-03654746) with fexofenadine on reducing allergic rhinitis symptoms. J Allergy Clin Immunol. 2012 Feb;129(2):409-12, 412.e1-2.

Brioni JD, et al. Discovery of histamine H3 antagonists for the treatment of cognitive disorders and Alzheimer's disease. J Pharmacol Exp Ther. 2011 Jan;336(1):38-46.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481