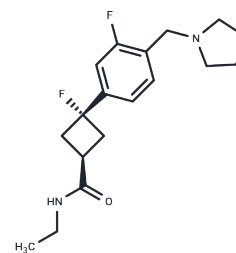


PF-03654746

Chemical Properties

CAS No. : 935840-31-6
 Formula: C₁₈H₂₄F₂N₂O
 Molecular Weight: 322.39
 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 is a selective antagonist of the histamine H3 receptor. PF-03654746 improves cognitive efficacy and disease-modifying effects in Alzheimer's disease. PF-03654746 can be used in studies about the treatment of allergic rhinitis.
Targets(IC50)	Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1018 mL	15.5092 mL	31.0183 mL
5 mM	0.6204 mL	3.1018 mL	6.2037 mL
10 mM	0.3102 mL	1.5509 mL	3.1018 mL
50 mM	0.062 mL	0.3102 mL	0.6204 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

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.

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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