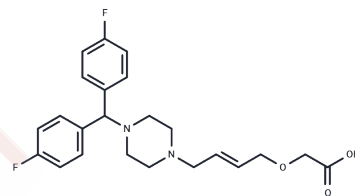


SUN-1334H free base

Chemical Properties

CAS No. : 607737-00-8
 Formula: C₂₃H₂₆F₂N₂O₃
 Molecular Weight: 416.46
 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	SUN-1334H free base, an orally active histamine H1 receptor inhibitor, exhibits a K_i of 9.7 nM and an IC ₅₀ of 20.3 nM. Additionally, it effectively prevents histamine-induced contractions in isolated guinea-pig ileum with an IC ₅₀ of 0.198 μ M. The compound also blocks histamine-induced bronchoconstriction and skin wheals in guinea pigs and beagle dogs, respectively, and mitigates ovalbumin-induced rhinitis in guinea pigs.
Targets(IC ₅₀)	Adrenergic Receptor, Histamine Receptor, Dopamine Receptor, Sigma receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4012 mL	12.006 mL	24.0119 mL
5 mM	0.4802 mL	2.4012 mL	4.8024 mL
10 mM	0.2401 mL	1.2006 mL	2.4012 mL
50 mM	0.048 mL	0.2401 mL	0.4802 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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