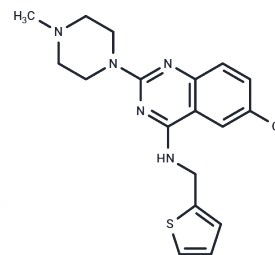


VUF-10497

Chemical Properties

CAS No. : 1080623-12-6
 Formula: C₁₈H₂₀ClN₅
 Molecular Weight: 373.9
 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	VUF-10497 is a histamine H4 receptor inverse agonist (pKi = 7.57). VUF-10497 was found to possess anti-inflammatory properties in vivo in the rat. VUF-10497 also possesses a considerable affinity for the human histamine H1 receptor.
Targets(IC50)	Others,Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6745 mL	13.3726 mL	26.7451 mL
5 mM	0.5349 mL	2.6745 mL	5.349 mL
10 mM	0.2675 mL	1.3373 mL	2.6745 mL
50 mM	0.0535 mL	0.2675 mL	0.5349 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

Smits RA, de Esch IJ, Zuiderveld OP, Broeker J, Sansuk K, Guaita E, Coruzzi G, Adami M, Haaksma E, Leurs R. Discovery of quinazolines as histamine H4 receptor inverse agonists using a scaffold hopping approach. J Med Chem. 2008 Dec 25;51(24):7855-65. doi: 10.1021/jm800876b. PubMed PMID: 19053770.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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