

PF-03382792

Chemical Properties

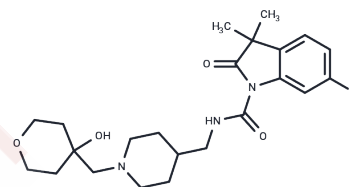
CAS No. : 1400811-63-3

Formula: C₂₃H₃₂FN₃O₄

Molecular Weight: 433.52

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-03382792 is a small molecule 5-HT ₄ receptor activator for the study of Alzheimer's disease.
Targets(IC ₅₀)	5-HT Receptor

Solubility Information

Solubility	DMSO: 4.34 mg/mL (10.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3067 mL	11.5335 mL	23.067 mL
5 mM	0.4613 mL	2.3067 mL	4.6134 mL
10 mM	0.2307 mL	1.1533 mL	2.3067 mL
50 mM	0.0461 mL	0.2307 mL	0.4613 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

Brodney MA, et al. Identification of multiple 5-HT₄ partial agonist clinical candidates for the treatment of Alzheimer's disease. J Med Chem. 2012 Nov 8;55(21):9240-54.

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