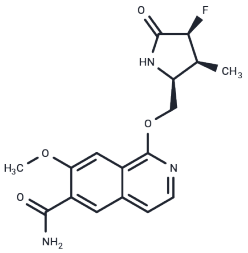
Data Sheet (Cat.No.T39248)

TargetMol

PF-06426779

Chemical Properties



CAS No. : 1817628-40-2

Formula: C17H18FN3O4

Molecular Weight: 347.346

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-06426779 is a potent and selective inhibitor of interleukin 1 receptor-associated kinase 4 (IRAK4), exhibiting an IC50 of 0.3 nM.
Targets(IC50)	Others,IRAK
In vitro	PF-06426779 is an inhibitor of IRAK4, demonstrating an IC50 value of 12.7 nM in assays involving peripheral blood mononuclear cells (PBMCs)[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8789 mL	14.3947 mL	28.7894 mL
5 mM	0.5758 mL	2.8789 mL	5.7579 mL
10 mM	0.2879 mL	1.4395 mL	2.8789 mL
50 mM	0.0576 mL	0.2879 mL	0.5758 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

Lee KL, et, al. Discovery of Clinical Candidate 1-{[(2S,3S,4S)-3-Ethyl-4-fluoro-5-oxopyrrolidin-2-yl]methoxy}-7-methoxyisoquinoline-6-carboxamide (PF-06650833), a Potent, Selective Inhibitor of Interleukin-1 Receptor Associated Kinase 4 (IRAK4), by Fragment-Based Drug Design. J Med Chem. 2017 Jul 13; 60(13): 5521-5542.

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