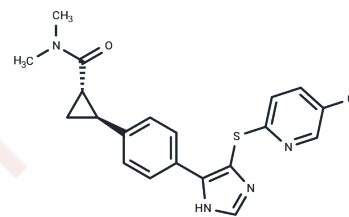


FAAH-IN-1

Chemical Properties

CAS No. :	1242441-47-9
Formula:	C ₂₀ H ₁₉ ClN ₄ O ₅
Molecular Weight:	398.91
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	FAAH-IN-1 is a fatty acid amide hydrolase (FAAH) inhibitor with IC ₅₀ values of 145 nM for rat FAAH and 650 nM for human FAAH.
Targets(IC ₅₀)	FAAH, Autophagy
In vitro	FAAH-IN-1 is a fatty acid amide hydrolase (FAAH) inhibitor, with IC ₅₀ s of 145 nM and 650 nM for rat and human FAAH, respectively.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5068 mL	12.5342 mL	25.0683 mL
5 mM	0.5014 mL	2.5068 mL	5.0137 mL
10 mM	0.2507 mL	1.2534 mL	2.5068 mL
50 mM	0.0501 mL	0.2507 mL	0.5014 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

Liu P, et al. Discovery of MK-3168: A PET Tracer for Imaging Brain Fatty Acid Amide Hydrolase. ACS Med Chem Lett. 2013 Apr 20;4(6):509-13.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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