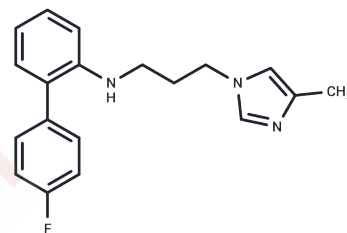


Glutaminyl Cyclase Inhibitor 2

Chemical Properties

CAS No. :	1884546-29-5
Formula:	C ₁₉ H ₂₀ FN ₃
Molecular Weight:	309.38
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	Glutaminyl Cyclase Inhibitor 2 is a glutaminyl cyclase inhibitor with an IC ₅₀ of 1.23 μM.
Targets(IC ₅₀)	Beta Amyloid, Glutaminyl Cyclase
In vitro	Glutaminyl Cyclase Inhibitor 2 is compound.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2323 mL	16.1614 mL	32.3227 mL
5 mM	0.6465 mL	3.2323 mL	6.4645 mL
10 mM	0.3232 mL	1.6161 mL	3.2323 mL
50 mM	0.0646 mL	0.3232 mL	0.6465 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

Li M, et al. Synthesis and Evaluation of Diphenyl Conjugated Imidazole Derivatives as Potential Glutaminyl Cyclase Inhibitors for Treatment of Alzheimer's Disease. J Med Chem. 2017 Aug 10;60(15):6664-6677.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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