

BI-1408

Chemical Properties

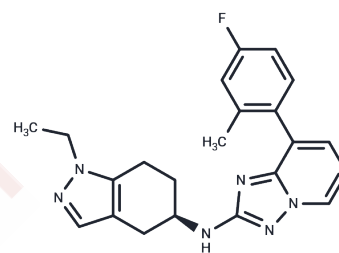
CAS No. : 2231075-94-6

Formula: C₂₂H₂₃FN₆

Molecular Weight: 390.46

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	BI-1408 is a modulator potent of γ secretase (IC ₅₀ : 0.04 μ M for A β 42).
Targets(IC ₅₀)	Beta Amyloid,Gamma-secretase

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or slightly soluble) H ₂ O: < 1 mg/mL (insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5611 mL	12.8054 mL	25.6108 mL
5 mM	0.5122 mL	2.5611 mL	5.1222 mL
10 mM	0.2561 mL	1.2805 mL	2.5611 mL
50 mM	0.0512 mL	0.2561 mL	0.5122 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

Gerlach K, et al. Discovery of tetrahydroindazoles as a novel class of potent and in vivo efficacious gamma secretase modulators. Bioorg Med Chem. 2018 Jul 23;26(12):3227-3241.

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