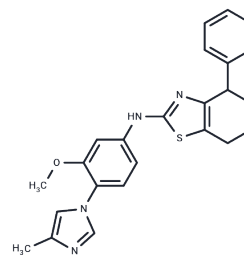


gamma-secretase modulator 1

Chemical Properties

CAS No. :	1172637-87-4
Formula:	C ₂₄ H ₂₄ N ₄ O ₅
Molecular Weight:	416.54
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	gamma-secretase modulator 1 is a modulator of γ secretase and can be used in studies about the treatment of Alzheimer's disease.
Targets(IC50)	Gamma-secretase

Solubility Information

Solubility	DMSO: 1 mg/mL (2.4 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	2.4007 mL	12.0036 mL	24.0073 mL
5 mM	0.4801 mL	2.4007 mL	4.8015 mL
10 mM	0.2401 mL	1.2004 mL	2.4007 mL
50 mM	0.048 mL	0.2401 mL	0.4801 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

Baumann, et al. Preparation of 4,5,6,7-tetrahydrobenzothiazolyl- or 5,6,7,8-tetrahydroquinazolinyphenylamine derivatives as modulators for amyloid beta. WO2009087127A1

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