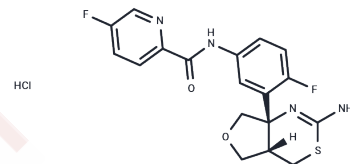


LY 2886721 Hydrochloride

Chemical Properties

CAS No. : 1262036-49-6
 Formula: C₁₈H₁₇ClF₂N₄O₂S
 Molecular Weight: 426.87
 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	Potent and selective β -secretase (BACE) inhibitor (IC ₅₀ values are 10.2 and 20.3 nM for human BACE2 and BACE1, respectively). Displays >5,000-fold selectivity for BACE over other proteases including cathepsin D, pepsin and renin. Inhibits A β 1-40 and A β 1-42 production in cells expressing mutated APP. Reduces hippocampal and cortical A β and sAPP β levels in an Alzheimer's disease mouse model.
Targets(IC50)	Others, Beta-Secretase

Solubility Information

Solubility	DMSO: 42.69 mg/mL (100.01 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	2.3426 mL	11.7132 mL	23.4263 mL
5 mM	0.4685 mL	2.3426 mL	4.6853 mL
10 mM	0.2343 mL	1.1713 mL	2.3426 mL
50 mM	0.0469 mL	0.2343 mL	0.4685 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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