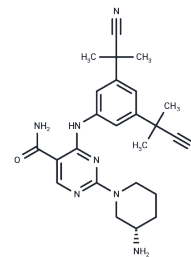


CS587

Chemical Properties

CAS No. : 2388506-69-0
 Formula: C₂₄H₃₀N₈O
 Molecular Weight: 446.55
 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	CS587, a specific inhibitor of CaMK1D, exhibits neurocytotoxicity at a concentration of 10 μ M and alters the sensitivity of neuronal cells to A β oligomer toxicity [1].
Targets(IC50)	CaMK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2394 mL	11.197 mL	22.3939 mL
5 mM	0.4479 mL	2.2394 mL	4.4788 mL
10 mM	0.2239 mL	1.1197 mL	2.2394 mL
50 mM	0.0448 mL	0.2239 mL	0.4479 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

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