

PSEN1-IN-1

Chemical Properties

CAS No. :

Formula: C₂₀H₁₉ClF₃NO₃S

Molecular Weight: 445.88

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	PSEN1-IN-1 (Compound (+)-13b) is an inhibitor of PSEN1, exhibiting strong inhibition of the PSEN1-APH1A and PSEN1-APH1B complexes with IC ₅₀ values of 19 nM and 5.5 nM, respectively. It is employed in Alzheimer's disease research [1].
Targets(IC ₅₀)	Others,Gamma-secretase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2428 mL	11.2138 mL	22.4276 mL
5 mM	0.4486 mL	2.2428 mL	4.4855 mL
10 mM	0.2243 mL	1.1214 mL	2.2428 mL
50 mM	0.0449 mL	0.2243 mL	0.4486 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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