

PSEN1-IN-2

Chemical Properties

CAS No. :

Formula: C₂₀H₁₈ClFN₂O₃S

Molecular Weight: 420.88

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-2 (Compound 13K) is a potent inhibitor of PSEN1-APH1A and PSEN1-APH1B complexes, with IC ₅₀ values of 6.9 nM and 2.4 nM, respectively. This PSEN1 inhibitor is used in Alzheimer's disease research [1]. |
| Targets(IC ₅₀) | Others,Gamma-secretase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.376 mL | 11.8799 mL | 23.7597 mL |
| 5 mM | 0.4752 mL | 2.376 mL | 4.7519 mL |
| 10 mM | 0.2376 mL | 1.188 mL | 2.376 mL |
| 50 mM | 0.0475 mL | 0.2376 mL | 0.4752 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481