

hAChE/hBuChE-IN-1

Chemical Properties

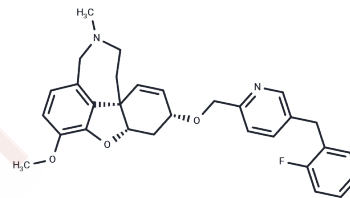
CAS No. :

Formula: C30H31FN2O3

Molecular Weight: 486.577

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 | hAChE/hBuChE-IN-1 (compound C2) acts as a dual inhibitor of cholinesterases, exhibiting IC50 values of 514 nM for hAChE and 358 nM for hBuChE. It is orally active and capable of enhancing cognitive function and spatial memory. |
| Targets(IC50) | Cholinesterase (ChE) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.0552 mL | 10.2758 mL | 20.5516 mL |
| 5 mM | 0.411 mL | 2.0552 mL | 4.1103 mL |
| 10 mM | 0.2055 mL | 1.0276 mL | 2.0552 mL |
| 50 mM | 0.0411 mL | 0.2055 mL | 0.411 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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