

Y13g

Chemical Properties

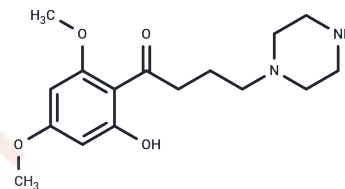
CAS No. : 2766380-73-6

Formula: C₁₆H₂₄N₂O₄

Molecular Weight: 308.37

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	Y13g is a potent inhibitor of Interleukin-6 (IL-6) and acetylcholinesterase (AChE), both significant targets in Alzheimer's Disease (AD) progression. Y13g reverses memory deficits induced by STZ and demonstrates histopathology similar to that of normal animals [1].
Targets(IC50)	Others,Cholinesterase (ChE),Interleukin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2429 mL	16.2143 mL	32.4286 mL
5 mM	0.6486 mL	3.2429 mL	6.4857 mL
10 mM	0.3243 mL	1.6214 mL	3.2429 mL
50 mM	0.0649 mL	0.3243 mL	0.6486 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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