

## AChE/BChE-IN-21

## Chemical Properties

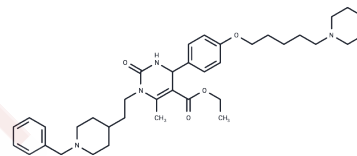
CAS No. : 2756368-79-1

Formula: C<sub>38</sub>H<sub>54</sub>N<sub>4</sub>O<sub>4</sub>

Molecular Weight: 630.86

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	AChE/BChE-IN-21 is an antagonist of the histamine H3 receptor, a calcium channel blocker, and an acetylcholinesterase inhibitor. It exhibits neuroprotective activities against H <sub>2</sub> O <sub>2</sub> and Aβ <sub>1-40</sub> , and can restore cognitive functions in AD mice.
Targets(IC <sub>50</sub> )	Beta Amyloid, Calcium Channel, Reactive Oxygen Species, Histamine Receptor, Cholinesterase (ChE)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5851 mL	7.9257 mL	15.8514 mL
5 mM	0.317 mL	1.5851 mL	3.1703 mL
10 mM	0.1585 mL	0.7926 mL	1.5851 mL
50 mM	0.0317 mL	0.1585 mL	0.317 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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