

BChE-IN-3

## Chemical Properties

CAS No. :

Formula: C<sub>26</sub>H<sub>41</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight: 427.62

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	BChE-IN-3 is a selective, selective, time-dependent, pseudo-irreversible inhibitor of BChE butyrylcholinesterase (IC <sub>50</sub> : 56.9 nM). BChE-IN-3 exhibits borderline reversible (time-independent) inhibition of AChE acetylcholinesterase.
Targets(IC <sub>50</sub> )	Others, Cholinesterase (ChE)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3385 mL	11.6926 mL	23.3852 mL
5 mM	0.4677 mL	2.3385 mL	4.677 mL
10 mM	0.2339 mL	1.1693 mL	2.3385 mL
50 mM	0.0468 mL	0.2339 mL	0.4677 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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