

## AChE/BChE-IN-3 hydrochloride

## Chemical Properties

CAS No. :

Formula: C<sub>15</sub>H<sub>25</sub>ClN<sub>2</sub>O<sub>3</sub>

Molecular Weight: 316.82

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-3 (BMC-1) hydrochloride is a dual inhibitor of AChE and BChE, with IC <sub>50</sub> values of 0.383 μM against equine serum BChE (eqBChE) and 6.08 μM against electric eel AChE (eAChE) [1].
Targets(IC <sub>50</sub> )	Others,Cholinesterase (ChE)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1564 mL	15.7818 mL	31.5637 mL
5 mM	0.6313 mL	3.1564 mL	6.3127 mL
10 mM	0.3156 mL	1.5782 mL	3.1564 mL
50 mM	0.0631 mL	0.3156 mL	0.6313 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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