

AChE/BChE/MAO-B-IN-2

## Chemical Properties

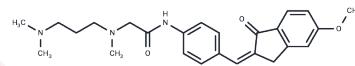
CAS No. :

Formula: C<sub>25</sub>H<sub>31</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight: 421.53

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/MAO-B-IN-2 is a potent inhibitor of the enzymes AChE, BChE, and MAO-B, with IC <sub>50</sub> values of 48.2 nM, 83.9 nM, and 31.2 nM, respectively. It also exhibits significant antioxidant activity and is applicable in Parkinson's disease research.
Targets(IC <sub>50</sub> )	Others,Cholinesterase (ChE),Monoamine Oxidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3723 mL	11.8616 mL	23.7231 mL
5 mM	0.4745 mL	2.3723 mL	4.7446 mL
10 mM	0.2372 mL	1.1862 mL	2.3723 mL
50 mM	0.0474 mL	0.2372 mL	0.4745 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481