

## Dual AChE-MAO B-IN-1

## Chemical Properties

CAS No. :

Formula: C<sub>23</sub>H<sub>25</sub>F<sub>2</sub>N<sub>4</sub>O<sub>4</sub>

Molecular Weight: 417.45

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	Dual AChE-MAO B-IN-1 (compound 15) is a safe, metabolically stable neuroprotective agent. This potent, orally active, CNS-permeable inhibitor demonstrates IC <sub>50</sub> values of 550 nM for human AChE and 8.2 nM for MAO-B, indicating low in vitro activity against these enzymes.
Targets(IC <sub>50</sub> )	Others,Cholinesterase (ChE),Monoamine Oxidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3955 mL	11.9775 mL	23.955 mL
5 mM	0.4791 mL	2.3955 mL	4.791 mL
10 mM	0.2395 mL	1.1977 mL	2.3955 mL
50 mM	0.0479 mL	0.2395 mL	0.4791 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