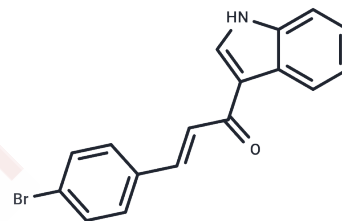


MAO-B-IN-26

Chemical Properties

CAS No. :	38470-71-2
Formula:	C17H12BrNO
Molecular Weight:	326.19
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	MAO-B-IN-26 (Compound IC9) is a dual MAO-B and acetylcholinesterase inhibitor that protects SH-SY5Y cells from A β -induced toxicity, including morphological alterations, reactive oxygen species (ROS) production, and membrane damage, while preventing A β -triggered autophagy and apoptosis, thus showing potential as a neuroprotective agent in Alzheimer's disease [1].
Targets(IC50)	Apoptosis, Autophagy, Cholinesterase (ChE), Monoamine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0657 mL	15.3285 mL	30.657 mL
5 mM	0.6131 mL	3.0657 mL	6.1314 mL
10 mM	0.3066 mL	1.5328 mL	3.0657 mL
50 mM	0.0613 mL	0.3066 mL	0.6131 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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