

MAO-B-IN-43

## Chemical Properties

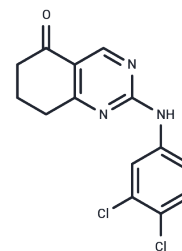
CAS No. :

Formula: C<sub>14</sub>H<sub>11</sub>Cl<sub>2</sub>N<sub>3</sub>O

Molecular Weight: 308.16

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-43 (4) is a potent inhibitor of hMAO-B and a mild inhibitor of GSK3 $\beta$ kinase, with $K_i$ values for hMAO-A and hMAO-B of 0.044 $\mu$ M and 0.004 $\mu$ M, respectively. This compound is applicable in the study of neurodegenerative diseases.
Targets(IC <sub>50</sub> )	GSK-3, Monoamine Oxidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2451 mL	16.2253 mL	32.4507 mL
5 mM	0.649 mL	3.2451 mL	6.4901 mL
10 mM	0.3245 mL	1.6225 mL	3.2451 mL
50 mM	0.0649 mL	0.3245 mL	0.649 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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