

IHC3

## Chemical Properties

CAS No. :

Formula: C17H12FN3O

Molecular Weight: 293.3

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	IHC3 is a competitive and reversible monoamine oxidase B (MAO-B) inhibitor with an IC50 of 1.672 $\mu$ M, targeting Cys172 within the enzyme's active site, used in the study of neurological diseases [1].
Targets(IC50)	Monoamine Oxidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4095 mL	17.0474 mL	34.0948 mL
5 mM	0.6819 mL	3.4095 mL	6.819 mL
10 mM	0.3409 mL	1.7047 mL	3.4095 mL
50 mM	0.0682 mL	0.3409 mL	0.6819 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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