

hMAO-B-IN-10

Chemical Properties

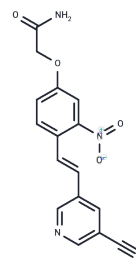
CAS No. :

Formula: C₁₆H₁₂N₄O₄

Molecular Weight: 324.29

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	hMAO-B-IN-10 (compound 7) is an inhibitor of MAO-A/B with IC ₅₀ values of 424.1 nM and 177.9 nM, respectively. It has demonstrated neuroprotective effects in the MPTP-induced mouse model of Parkinson's Disease (PD).
Targets(IC ₅₀)	Monoamine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0837 mL	15.4183 mL	30.8366 mL
5 mM	0.6167 mL	3.0837 mL	6.1673 mL
10 mM	0.3084 mL	1.5418 mL	3.0837 mL
50 mM	0.0617 mL	0.3084 mL	0.6167 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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