

## hMAO-B-IN-7

## Chemical Properties

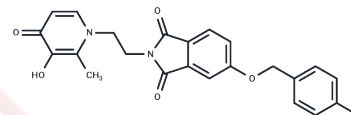
CAS No. : 2955577-14-5

Formula: C<sub>23</sub>H<sub>19</sub>FN<sub>2</sub>O<sub>5</sub>

Molecular Weight: 422.41

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	Compound 11n (hMAO-B-IN-7) is a potent inhibitor of human monoamine oxidase-B (hMAO-B) that can cross the blood-brain barrier (BBB). It demonstrates an IC <sub>50</sub> value of 0.79±0.05 μM and is useful in research related to Alzheimer's disease (AD) and Parkinson's disease (PD) [1].
Targets(IC <sub>50</sub> )	Monoamine Oxidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3674 mL	11.8368 mL	23.6737 mL
5 mM	0.4735 mL	2.3674 mL	4.7347 mL
10 mM	0.2367 mL	1.1837 mL	2.3674 mL
50 mM	0.0473 mL	0.2367 mL	0.4735 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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