

MAO-IN-4

Chemical Properties

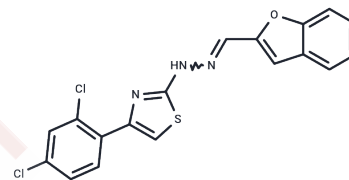
CAS No. : 3023217-85-5

Formula: C₁₈H₁₁Cl₂N₃O₃

Molecular Weight: 388.27

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-IN-4 (Compound 2l), a monoamine oxidase (MAO) inhibitor, demonstrates IC ₅₀ values of 0.07 μM for MAO-A and 0.75 μM for MAO-B. This compound is utilized in studying depression and Parkinson's disease (PD) [1].
Targets(IC ₅₀)	Monoamine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5755 mL	12.8776 mL	25.7553 mL
5 mM	0.5151 mL	2.5755 mL	5.1511 mL
10 mM	0.2576 mL	1.2878 mL	2.5755 mL
50 mM	0.0515 mL	0.2576 mL	0.5151 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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