

MAO-A/SERT-IN-1

Chemical Properties

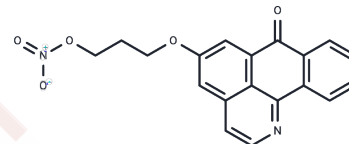
CAS No. : 3001361-38-9

Formula: C19H14N2O5

Molecular Weight: 350.32

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-A/SERT-IN-1 acts as an inhibitor for both MAO-A and the serotonin transporter (SERT). It decreases the SERT-mediated reuptake of 5-HT and demonstrates neuroprotective properties in cellular inhibition models. Additionally, this compound has shown to alleviate depressive behaviors in both zebrafish and mice.
Targets(IC50)	Monoamine Oxidase, Serotonin Transporter

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8545 mL	14.2727 mL	28.5453 mL
5 mM	0.5709 mL	2.8545 mL	5.7091 mL
10 mM	0.2855 mL	1.4273 mL	2.8545 mL
50 mM	0.0571 mL	0.2855 mL	0.5709 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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