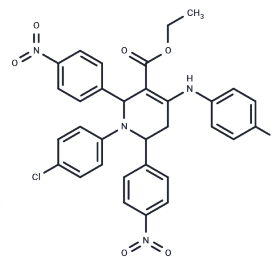


MAO-A-IN-2

Chemical Properties

CAS No. :	1627618-37-4
Formula:	C32H26Cl2N4O6
Molecular Weight:	633.48
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-IN-2 (Compound 4l) is a selective inhibitor of monoamine oxidase A (MAO-A) with an IC50 value of 0.4 μ M. This compound reduces the degradation of monoamine neurotransmitters, such as serotonin and norepinephrine. MAO-A-IN-2 holds potential for research in neurological disorders related to monoamine neurotransmitter imbalance, including depression and anxiety.
Targets(IC50)	Monoamine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5786 mL	7.8929 mL	15.7858 mL
5 mM	0.3157 mL	1.5786 mL	3.1572 mL
10 mM	0.1579 mL	0.7893 mL	1.5786 mL
50 mM	0.0316 mL	0.1579 mL	0.3157 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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