

## MAOA-IN-1

## Chemical Properties

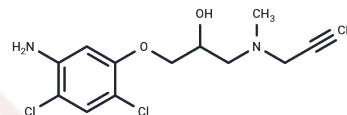
CAS No. :

Formula: C13H16Cl2N2O2

Molecular Weight: 303.18

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	MAOA-IN-1 (compound 15) is an orally-active monoamine oxidase A (MAOA) inhibitor with cytotoxic effects on prostate cancer cells. It exhibits Caco-2 permeability and reduced central nervous system (CNS) permeability, indicating potential utility in anti-cancer and anti-inflammatory research [1].
Targets(IC50)	Monoamine Oxidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2984 mL	16.4919 mL	32.9837 mL
5 mM	0.6597 mL	3.2984 mL	6.5967 mL
10 mM	0.3298 mL	1.6492 mL	3.2984 mL
50 mM	0.066 mL	0.3298 mL	0.6597 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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