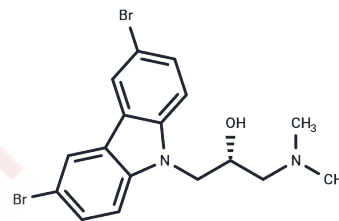


## Clathrin-IN-4

## Chemical Properties

CAS No. :	762242-59-1
Formula:	C17H18Br2N2O
Molecular Weight:	426.15
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Clathrin-IN-4 is an effective Clathrin inhibitor. It blocks endocytosis by disrupting clathrin assembly, used for studying viral entry mechanisms and receptor internalization.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 72.00 mg/mL (168.95 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3466 mL	11.733 mL	23.4659 mL
5 mM	0.4693 mL	2.3466 mL	4.6932 mL
10 mM	0.2347 mL	1.1733 mL	2.3466 mL
50 mM	0.0469 mL	0.2347 mL	0.4693 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.

## Reference

Mario Mautino, et al. Preparation and disclosure of indoleamine 2,3-dioxygenase (IDO) inhibitors. Patent. WO2009073620.

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