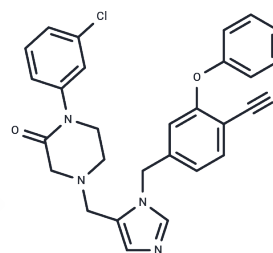


Prenyl-IN-1

Chemical Properties

CAS No. :	360561-53-1
Formula:	C ₂₈ H ₂₄ ClN ₅ O ₂
Molecular Weight:	497.98
Storage:	Store at low temperature 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	Prenyl-IN-1 is a potent and selective prenylation inhibitor of geranylgeranyltransferase or farnesyltransferase. Prenyl-IN-1 shows anti-oxidative stress effects in a Parkinson's model. Prenyl-IN-1 showed anti-oxidative stress in a Parkinson's model.
Targets(IC50)	Transferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0081 mL	10.0406 mL	20.0811 mL
5 mM	0.4016 mL	2.0081 mL	4.0162 mL
10 mM	0.2008 mL	1.0041 mL	2.0081 mL
50 mM	0.0402 mL	0.2008 mL	0.4016 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

Schweighoffer F, et al. Compounds Which Inhibits Protein Prenylation EG Geranylgeransferse or Farnesyltransferase Inhibitors for Treating Parkinson's Disease: U.S. Patent Application 11/719,342[P]. 2008-6-26.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481