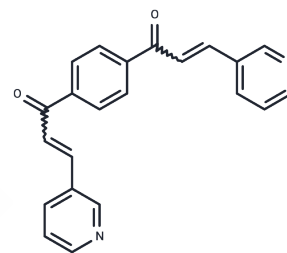


POSH-IN-2

Chemical Properties

CAS No. :	348145-43-7
Formula:	C22H16N2O2
Molecular Weight:	340.37
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	POSH-IN-2 (MIDI) is a mitochondrial fission inhibitor and a DRP1 inhibitor that effectively prevents mitochondrial fragmentation caused by cellular stress and genetic mitochondrial damage. It covalently interacts with DRP1-C367 to target the interaction of DRP1 with multiple receptors.
Targets(IC50)	Mitochondrial Metabolism, Dynamin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.938 mL	14.6899 mL	29.3798 mL
5 mM	0.5876 mL	2.938 mL	5.876 mL
10 mM	0.2938 mL	1.469 mL	2.938 mL
50 mM	0.0588 mL	0.2938 mL	0.5876 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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