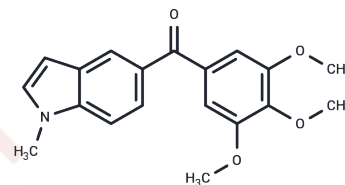


MPT0B002

Chemical Properties

CAS No. : 946077-08-3
 Formula: C₁₉H₁₉NO₄
 Molecular Weight: 325.36
 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	MPT0B002 is a microtubule inhibitor that acts by downregulating T315I mutant Bcr-Abl and inducing apoptosis of imatinib-resistant chronic myeloid leukemia cells.
Targets(IC50)	Apoptosis,Others,Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0735 mL	15.3676 mL	30.7352 mL
5 mM	0.6147 mL	3.0735 mL	6.147 mL
10 mM	0.3074 mL	1.5368 mL	3.0735 mL
50 mM	0.0615 mL	0.3074 mL	0.6147 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

Yeh YY, Liou JP, Lee YL, Lin JY, Huang HM. MPT0B002, a novel microtubule inhibitor, downregulates T315I mutant Bcr-Abl and induces apoptosis of imatinib-resistant chronic myeloid leukemia cells. Invest New Drugs. 2017 Aug; 35(4):427-435. doi: 10.1007/s10637-017-0457-9. Epub 2017 Mar 27. PubMed PMID: 28349229.

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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