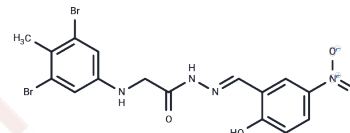


L67

Chemical Properties

CAS No. : 325970-71-6
 Formula: C₁₆H₁₄Br₂N₄O₄
 Molecular Weight: 486.11
 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	L67 (DNA Ligase Inhibitor) is a competitive inhibitor of human DNA ligases I and III with an IC ₅₀ of 10 μM.
Targets(IC ₅₀)	Apoptosis, Reactive Oxygen Species, Caspase, DNA, DNA/RNA Synthesis, ROS

Solubility Information

Solubility	DMSO: 4.87 mg/mL (10.02 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	2.0571 mL	10.2857 mL	20.5715 mL
5 mM	0.4114 mL	2.0571 mL	4.1143 mL
10 mM	0.2057 mL	1.0286 mL	2.0571 mL
50 mM	0.0411 mL	0.2057 mL	0.4114 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

Chen X, et al. Y Res. 2008 May 1;68(9):3169-3177.

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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