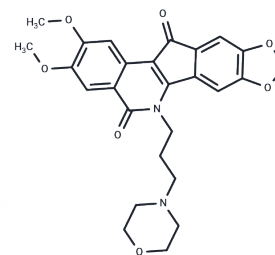


Indotecan

Chemical Properties

CAS No. :	915303-09-2
Formula:	C ₂₆ H ₂₆ N ₂ O ₇
Molecular Weight:	478.49
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	Indotecan (LMP-400) is an effective inhibitor of topoisomerase 1 (Top1) (IC ₅₀ : 300, 1200, 560 nM for P388, HCT116, MCF-7 cell lines, respectively).
Targets(IC ₅₀)	Topoisomerase

Solubility Information

Solubility	DMSO: Insoluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0899 mL	10.4495 mL	20.8991 mL
5 mM	0.418 mL	2.0899 mL	4.1798 mL
10 mM	0.209 mL	1.045 mL	2.0899 mL
50 mM	0.0418 mL	0.209 mL	0.418 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

Seol Y, et al. Single-Molecule Supercoil Relaxation Assay as a Screening Tool to Determine the Mechanism and Efficacy of Human Topoisomerase IB Inhibitors. Mol Cancer Ther. 2015 Nov;14(11):2552-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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