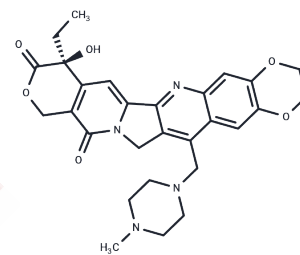


Lurtotecan

Chemical Properties

CAS No. :	149882-10-0
Formula:	C ₂₈ H ₃₀ N ₄ O ₆
Molecular Weight:	518.56
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	Lurtotecan (GI147211) is a semisynthetic Camptothecin analog. Lurtotecan is a topoisomerase I inhibitor with anticancer effects.
Targets(IC50)	Topoisomerase

Solubility Information

Solubility	DMSO: 3.9 mg/mL (7.52 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	1.9284 mL	9.6421 mL	19.2842 mL
5 mM	0.3857 mL	1.9284 mL	3.8568 mL
10 mM	0.1928 mL	0.9642 mL	1.9284 mL
50 mM	0.0386 mL	0.1928 mL	0.3857 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

D L Emerson, et al. In vivo antitumor activity of two new seven-substituted water-soluble camptothecin analogues. Cancer Res. 1995 Feb 1;55(3):603-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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