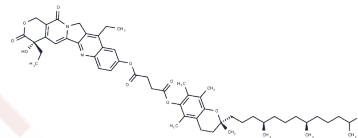


Tenifatecan

Chemical Properties

CAS No. :	850728-18-6
Formula:	C ₅₅ H ₇₂ N ₂ O ₉
Molecular Weight:	905.17
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	Tenifatecan (SN2310) is a highly lipophilic preparation of 7-ethyl-10-hydroxycamptothecin (SN) with potential antitumor activity.
Targets(IC50)	Others, Topoisomerase

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or slightly soluble) H ₂ O: < 1 mg/mL (insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1048 mL	5.5238 mL	11.0476 mL
5 mM	0.221 mL	1.1048 mL	2.2095 mL
10 mM	0.1105 mL	0.5524 mL	1.1048 mL
50 mM	0.0221 mL	0.1105 mL	0.221 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

Marier JF, et al. Pharmacokinetics of SN2310, an injectable emulsion that incorporates a new derivative of SN-38 in patients with advanced solid tumors. J Pharm Sci. 2011;100(10):4536-4545.

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