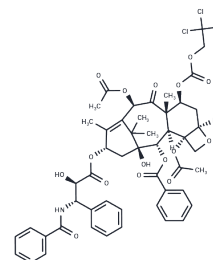


7-Troc-paclitaxel

Chemical Properties

CAS No. :	114915-17-2
Formula:	C ₅₀ H ₅₂ Cl ₃ N ₀ O ₁₆
Molecular Weight:	1029.3
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	7-Troc-paclitaxel is a precursor of paclitaxel which has anti-tumor activity.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 22.5 mg/mL (21.86 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	0.9715 mL	4.8577 mL	9.7153 mL
5 mM	0.1943 mL	0.9715 mL	1.9431 mL
10 mM	0.0972 mL	0.4858 mL	0.9715 mL
50 mM	0.0194 mL	0.0972 mL	0.1943 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

Gibson Francis S. Synthesis of paclitaxel by protecting the 7-hydroxyl of baccatin III using a strong base and an electrophile. WO9945001A1.

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