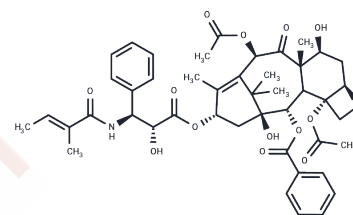


## Cephalomannine

## Chemical Properties

CAS No. :	71610-00-9
Formula:	C45H53NO14
Molecular Weight:	831.9
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Cephalomannine (Baccatin III) is a taxol derivative obtained from <i>Taxus yunnanensis</i> with antitumor activity.
Targets(IC50)	Microtubule Associated

## Solubility Information

Solubility	DMSO: 93 mg/mL (111.79 mM), Sonication is recommended. H2O: < 1 mg/mL (insoluble or slightly soluble), Ethanol: 93 mg/mL (111.79 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	1.2021 mL	6.0103 mL	12.0207 mL
5 mM	0.2404 mL	1.2021 mL	2.4041 mL
10 mM	0.1202 mL	0.601 mL	1.2021 mL
50 mM	0.024 mL	0.1202 mL	0.2404 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.

## Reference

Helson L. Int J Oncol. 1993 Feb;2(2):297-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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