

6 $\alpha$ -hydroxy Paclitaxel

## Chemical Properties

CAS No. : 153212-75-0

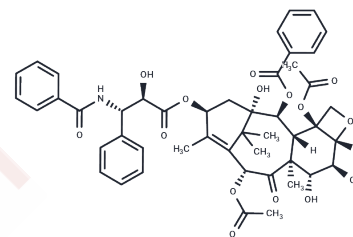
Formula: C<sub>47</sub>H<sub>51</sub>NO<sub>15</sub>

Molecular Weight: 869.91

Storage: Store at low temperature, Keep away from direct sunlight

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	6 $\alpha$ -hydroxy Paclitaxel (6 $\alpha$ -OH-PTX) is a major metabolite of the anticancer compound paclitaxel and is partially cytotoxic.
Targets(IC50)	Drug Metabolite

## Solubility Information

Solubility	Methanol: 10 mg/mL (11.5 mM), Sonication is recommended. DMSO: 10 mg/mL (11.5 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	1.1495 mL	5.7477 mL	11.4954 mL
5 mM	0.2299 mL	1.1495 mL	2.2991 mL
10 mM	0.115 mL	0.5748 mL	1.1495 mL
50 mM	0.023 mL	0.115 mL	0.2299 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

Mori D, et al. Alteration in the Plasma Concentrations of Endogenous Organic Anion-Transporting Polypeptide 1B Biomarkers in Patients with Non-Small Cell Lung Cancer Treated with Paclitaxel. Drug Metab Dispos. 2020 May;48 (5):387-394.

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