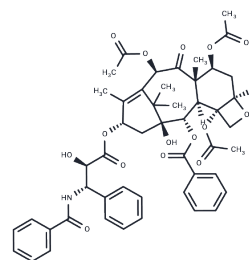


7-acetyl Paclitaxel

Chemical Properties

CAS No. :	92950-39-5
Formula:	C ₄₉ H ₅₃ NO ₁₅
Molecular Weight:	895.94
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-acetyl Paclitaxel, serving as a microtubule depolymerization inhibitor, can prevent microtubule depolymerization caused by calcium ions at a concentration of 10 μ M. Additionally, this compound significantly inhibits the growth of J774.2 macrophages (IC ₅₀ = ~60 nM) and elevates levels of nitric oxide (NO) and tumor necrosis factor (TNF) in isolated mouse peritoneal macrophages.
Targets(IC ₅₀)	Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1161 mL	5.5807 mL	11.1615 mL
5 mM	0.2232 mL	1.1161 mL	2.2323 mL
10 mM	0.1116 mL	0.5581 mL	1.1161 mL
50 mM	0.0223 mL	0.1116 mL	0.2232 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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