

Pro-PTX

Chemical Properties

CAS No. : 3011748-20-9
Formula: C₅₆H₆₃N₃O₁₇
Molecular Weight: 1050.12
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	Pro-PTX is an inactive prodrug of Paclitaxel. It does not exhibit cytotoxicity against cancer cells such as A549, U87, and HBVP cells. Under the catalysis of palladium nanosheets embedded in agarose and alginate hydrogels, Pro-PTX can be converted to Paclitaxel through dealkylation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9523 mL	4.7614 mL	9.5227 mL
5 mM	0.1905 mL	0.9523 mL	1.9045 mL
10 mM	0.0952 mL	0.4761 mL	0.9523 mL
50 mM	0.019 mL	0.0952 mL	0.1905 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.

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