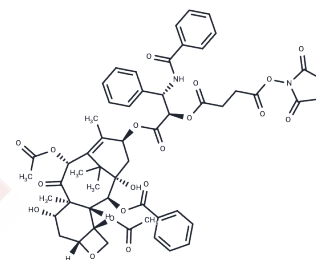


Paclitaxel-2'-succinate NHS ester

Chemical Properties

CAS No. :	245110-80-9
Formula:	C ₅₅ H ₅₈ N ₂ O ₁₉
Molecular Weight:	1051.05
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	Paclitaxel-2'-succinate NHS ester is a derivative of paclitaxel featuring a succinate linker with its carboxyl group activated as an NHS ester. The NHS ester moiety exhibits high reactivity towards amino or hydroxyl groups, facilitating its conjugation with various molecules (such as peptides, proteins, antibodies, enzymes, or polymers). This compound is utilized in the development of nanomedicines and cancer research.
Targets(IC50)	Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9514 mL	4.7571 mL	9.5143 mL
5 mM	0.1903 mL	0.9514 mL	1.9029 mL
10 mM	0.0951 mL	0.4757 mL	0.9514 mL
50 mM	0.019 mL	0.0951 mL	0.1903 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481