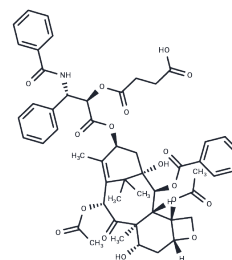


Paclitaxel-Succinic acid

Chemical Properties

CAS No. :	117527-50-1
Formula:	C ₅₁ H ₅₅ N ₀ O ₁₇
Molecular Weight:	953.98
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Paclitaxel-Succinic acid (paclitaxel-succinate , paclitaxel-semisuccinic acid) is a paclitaxel derivative with a succinic acid linker. Paclitaxel-Succinic acid can be used to prepare paclitaxel conjugates for drug delivery and nanomedicine research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0482 mL	5.2412 mL	10.4824 mL
5 mM	0.2096 mL	1.0482 mL	2.0965 mL
10 mM	0.1048 mL	0.5241 mL	1.0482 mL
50 mM	0.021 mL	0.1048 mL	0.2096 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

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- Yin S, Huai J, Chen X, Yang Y, Zhang X, Gan Y, Wang G, Gu X, Li J. Intracellular delivery and antitumor effects of a redox-responsive polymeric paclitaxel conjugate based on hyaluronic acid. *Acta Biomater.* 2015 Oct 15;26:274-85. doi: 10.1016/j.actbio.2015.08.029. Epub 2015 Aug 20. PubMed PMID: 26300335.
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