

7-MAD-MDCPT

Chemical Properties

CAS No. : 765871-81-6

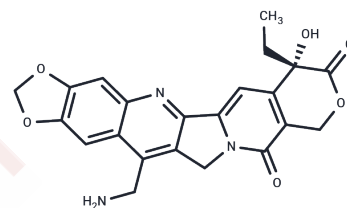
Formula: C₂₂H₁₉N₃O₆

Molecular Weight: 421.41

Storage: Keep away from moisture 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	7-MAD-MDCPT is a Camptothecin derivative, which often acts as a cytotoxic load in antibody drug conjugate (ADC).
Targets(IC50)	ADC Cytotoxin

Solubility Information

Solubility	DMSO: 2.00 mg/mL (4.75 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	2.373 mL	11.8649 mL	23.7299 mL
5 mM	0.4746 mL	2.373 mL	4.746 mL
10 mM	0.2373 mL	1.1865 mL	2.373 mL
50 mM	0.0475 mL	0.2373 mL	0.4746 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

Jeffrey S, et, al. Camptothecin peptide conjugates. WO2019195665A1.

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