

NH₂-bicyclo[1.1.1]pentane-7-MAD-MDCPT hydrochloride

Chemical Properties

CAS No. :

Formula: C₂₆H₂₄ClN₃O₆

Molecular Weight: 509.94

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	Compound I, NH ₂ -bicyclo[1.1.1]pentane-7-MAD-MDCPT hydrochloride, is a topoisomerase I inhibitor that demonstrates effective antibody-drug conjugate (ADC) activity both in vivo and in vitro, with delivery to cells facilitated through targeted antibody conjugation [1].
Targets(IC50)	ADC Cytotoxin, Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.961 mL	9.8051 mL	19.6102 mL
5 mM	0.3922 mL	1.961 mL	3.922 mL
10 mM	0.1961 mL	0.9805 mL	1.961 mL
50 mM	0.0392 mL	0.1961 mL	0.3922 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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