

Exatecan Intermediate 6

Chemical Properties

CAS No. :	143655-58-7
Formula:	C ₁₃ H ₁₄ FNO ₂
Molecular Weight:	235.254
Storage:	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	Exatecan Intermediate 6 serves as an intermediate in the synthesis of Exatecan (DX-8951), a DNA topoisomerase I inhibitor with an IC ₅₀ value of 2.2 μM (0.975 μg/mL), utilized in cancer research. Additionally, Exatecan Intermediate 6 is employed in the preparation of Antibody-Drug Conjugates (ADCs).
Targets(IC ₅₀)	ADC Cytotoxin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2508 mL	21.254 mL	42.508 mL
5 mM	0.8502 mL	4.2508 mL	8.5016 mL
10 mM	0.4251 mL	2.1254 mL	4.2508 mL
50 mM	0.085 mL	0.4251 mL	0.8502 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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