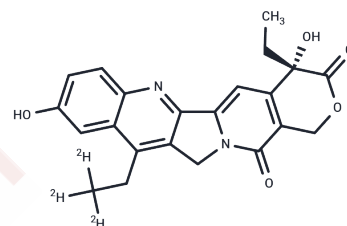


SN-38-D3

Chemical Properties

CAS No. : 718612-49-8
 Formula: C₂₂H₂₀N₂O₅
 Molecular Weight: 395.42
 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	SN-38-D3 is a deuterated form of SN-38. As the active metabolite of the topoisomerase I (Topoisomerase I) inhibitor irinotecan, SN-38 (T1703) (NK012) notably inhibits the synthesis of DNA and RNA, with IC ₅₀ values of 0.077 and 1.3 μM, respectively.
Targets(IC ₅₀)	ADC Cytotoxin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.529 mL	12.6448 mL	25.2896 mL
5 mM	0.5058 mL	2.529 mL	5.0579 mL
10 mM	0.2529 mL	1.2645 mL	2.529 mL
50 mM	0.0506 mL	0.2529 mL	0.5058 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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