

CTT2274

Chemical Properties

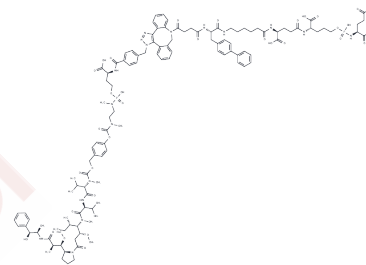
CAS No. :

Formula: C119H159N17O33P2

Molecular Weight: 2417.58

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	CTT2274 is a prodrug of MMAE. It consists of a prostate-specific membrane antigen (PSMA) binding scaffold, a biphenyl motif, a pH-sensitive phosphoramidate linker, and an MMAE payload. CTT2274 selectively targets and binds to PSMA to deliver MMAE and has the capability to inhibit prostate cancer.
Targets(IC50)	PSMA

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4136 mL	2.0682 mL	4.1364 mL
5 mM	0.0827 mL	0.4136 mL	0.8273 mL
10 mM	0.0414 mL	0.2068 mL	0.4136 mL
50 mM	0.0083 mL	0.0414 mL	0.0827 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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