

TLR7/8 agonist 4 hydroxy-PEG10-acid

Chemical Properties

CAS No. :	2388520-17-8
Formula:	C41H68N6O12
Molecular Weight:	837.025
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	TLR7/8 agonist 4 hydroxy-PEG10-acid [compound 9] is a drug-linker conjugate used in antibody-drug conjugates (ADC), exhibiting remarkable antitumor activity. It utilizes TLR7/8 agonist 4, a potent activator of TLR7/8, linked to hydroxy-PEG10-acid via a cleavable bond, demonstrating promising pharmaceutical potential in ADC-based therapeutics.
Targets(IC50)	Drug-Linker Conjugates for ADC
In vitro	ADCs consist of an antibody linked to an ADC cytotoxin via an ADC linker.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1947 mL	5.9735 mL	11.947 mL
5 mM	0.2389 mL	1.1947 mL	2.3894 mL
10 mM	0.1195 mL	0.5974 mL	1.1947 mL
50 mM	0.0239 mL	0.1195 mL	0.2389 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

Shelley Erin ACKERMAN, et al. Immunoconjugates targeting her2. WO2020190725A1.

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