

## TLR7/8 agonist 4 hydroxy-PEG10-acid hydrochloride

## Chemical Properties

CAS No. :	2388520-36-1
Formula:	C41H69ClN6O12
Molecular Weight:	873.48
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 hydrochloride (compound 9) is a drug-linker conjugate used in antibody-drug conjugates (ADCs) with high tumor efficacy. It consists of TLR7/8 agonist 4, a potent TLR7/8 agonist, linked to the ADC linker hydroxy-PEG10-acid, which can be cleaved.
Targets(IC50)	Drug-Linker Conjugates for ADC
In vitro	ADCs consist of an antibody conjugated to an ADC cytotoxin via an ADC linker.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1448 mL	5.7242 mL	11.4485 mL
5 mM	0.229 mL	1.1448 mL	2.2897 mL
10 mM	0.1145 mL	0.5724 mL	1.1448 mL
50 mM	0.0229 mL	0.1145 mL	0.229 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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