

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

### Chemical Properties

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| CAS No. :         | 2388520-36-1                                             |
| Formula:          | C41H69ClN6O12                                            |
| Molecular Weight: | 873.48                                                   |
| Appearance:       | no data available                                        |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



### 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 efficacy against tumors. It consists of TLR7/8 agonist 4, a potent TLR7/8 agonist, linked to the ADC linker hydroxy-PEG10-acid which can be cleaved. |
| In vitro    | ADCs are comprised of an antibody to which is attached an ADC cytotoxin through 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.

### Reference

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

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