

TLR8 agonist 7

Chemical Properties

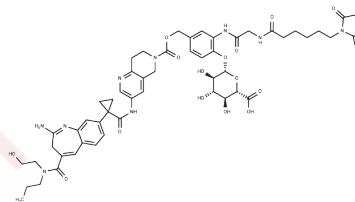
CAS No. : 3034750-26-7

Formula: C54H63N9O16

Molecular Weight: 1094.13

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	TLR8 agonist7 is an agonist of Toll-like receptor 8 (TLR8) with an EC50 of less than 250 nM. It remains stable in human and mouse plasma and induces the secretion of the cytokine TNF α with an EC50 of less than 1 μ M. In the MC38-HER2 xenograft mouse model, TLR8 agonist7 demonstrates antitumor activity, achieving a tumor growth inhibition (TGI) rate of 98%.
Targets(IC50)	TLR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.914 mL	4.5698 mL	9.1397 mL
5 mM	0.1828 mL	0.914 mL	1.8279 mL
10 mM	0.0914 mL	0.457 mL	0.914 mL
50 mM	0.0183 mL	0.0914 mL	0.1828 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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