

TLR7 agonist 27

Chemical Properties

CAS No. :

Formula: C47H64N10O11

Molecular Weight: 945.07

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 agonist27 (compound 24) is an effective TLR7 agonist with an EC50 of 238.1 nM. It exhibits weak agonistic activity towards NOD2 (nucleotide-binding oligomerization domain 2) with an EC50 of 6.2 µM. TLR7 agonist27 serves as a potent immunostimulant and can be utilized as a vaccine adjuvant and/or an immunotherapeutic agent.
Targets(IC50)	NOD-like Receptor (NLR),TLR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0581 mL	5.2906 mL	10.5812 mL
5 mM	0.2116 mL	1.0581 mL	2.1162 mL
10 mM	0.1058 mL	0.5291 mL	1.0581 mL
50 mM	0.0212 mL	0.1058 mL	0.2116 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.

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