

AYK004

Chemical Properties

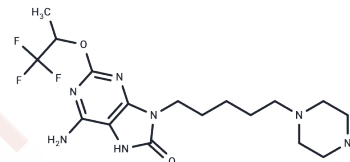
CAS No. : 3031612-90-2

Formula: C17H26F3N7O2

Molecular Weight: 417.43

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	AYK004 is an adenosine derivative that functions as a TLR7/8 agonist, enhancing immune responses by activating the TLR signaling pathway. It boasts an optimal hydrophilic-lipophilic balance, improving its loading rate and stability within immunoadjuvant systems like liposomes, and reduces the side effects of these systems during systemic immunization.
Targets(IC50)	TLR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3956 mL	11.9781 mL	23.9561 mL
5 mM	0.4791 mL	2.3956 mL	4.7912 mL
10 mM	0.2396 mL	1.1978 mL	2.3956 mL
50 mM	0.0479 mL	0.2396 mL	0.4791 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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