

TQL-1055

Chemical Properties

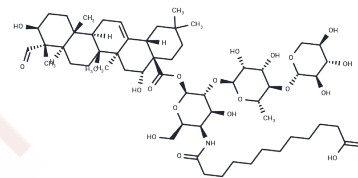
CAS No. : 2095876-40-5

Formula: C59H95NO20

Molecular Weight: 1138.38

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	TQL-1055 is a semi-synthetic analog of the saponin adjuvant QS-21, utilized as an adjuvant in preventive vaccines. It demonstrates potent adjuvant activity with influenza antigens and shows good tolerability when combined with an acellular pertussis vaccine (aP), enhancing anti-pertussis toxin (PT) antibody responses in mice and rabbits. TQL-1055 holds promise for research into chronic Hepatitis B.
Targets(IC50)	Influenza Virus

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8784 mL	4.3922 mL	8.7844 mL
5 mM	0.1757 mL	0.8784 mL	1.7569 mL
10 mM	0.0878 mL	0.4392 mL	0.8784 mL
50 mM	0.0176 mL	0.0878 mL	0.1757 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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