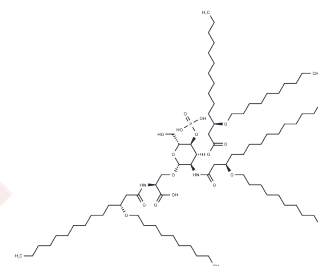


GSK1795091

Chemical Properties

CAS No. : 1233589-81-5
 Formula: C₈₁H₁₅₇N₂O₁₆P
 Molecular Weight: 1446.119
 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	GSK1795091 (CRX-601) is a synthetic TLR4 agonist and immunologic stimulator with demonstrated antitumor activity. It serves as a vaccine adjuvant, enhancing both mucosal and systemic immunity to influenza virus vaccines.
Targets(IC50)	Others,TLR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6915 mL	3.4575 mL	6.9151 mL
5 mM	0.1383 mL	0.6915 mL	1.383 mL
10 mM	0.0692 mL	0.3458 mL	0.6915 mL
50 mM	0.0138 mL	0.0692 mL	0.1383 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.

Reference

Hug BA, et al. Safety, Pharmacokinetics, and Pharmacodynamics of the TLR4 Agonist GSK1795091 in Healthy Individuals: Results from a Randomized, Double-blind, Placebo-controlled, Ascending Dose Study. Clin Ther. 2020; 42(8):1519-1534.e33.

Maroof A, et al. Intranasal vaccination promotes detrimental Th17-mediated immunity against influenza infection. PLoS Pathog. 2014;10(1):e1003875.

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