

CDN-3

Chemical Properties

CAS No. : 2768839-23-0
Formula: C₂₀H₂₂ClFN₁₀O₁₀P₂S₂
Molecular Weight: 742.97
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	CDN-3 (Compound 10) is a cyclic dinucleotide derivative. It can stimulate THP-1 cells to secrete IFN- β , activate the IRF-3 and NF- κ B pathways, and induce the production of type I interferons and pro-inflammatory factors such as IL-6 and TNF- α . Additionally, CDN-3 can inhibit the proliferation of CT26 cancer cells and is useful for colon cancer research.
Targets(IC50)	NF- κ B,IFNAR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3459 mL	6.7297 mL	13.4595 mL
5 mM	0.2692 mL	1.3459 mL	2.6919 mL
10 mM	0.1346 mL	0.673 mL	1.3459 mL
50 mM	0.0269 mL	0.1346 mL	0.2692 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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