

3',5'-DiOA-dC

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	3',5'-DiOA-dC is a hydrophobic nucleotide lipid and acts as a ligand for the STING agonist c-di-GMP (CDG). It can assemble with CDG to form stable cyclic dinucleotide nanoparticles through molecular recognition-driven supramolecular forces. This interaction reduces tumor weight and volume while increasing the levels of CD8 T cells, neutrophils, and NK cells in the tumor microenvironment. Additionally, 3',5'-DiOA-dC enhances TNF- $\alpha$ and IFN- $\gamma$ levels in a mouse melanoma model.
Targets(IC50)	STING

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