

dCNP

Chemical Properties

CAS No. :

Formula: C141H248N38O36S3

Molecular Weight: 3147.91

Keep away from moisture

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	dCNP binds to NPR-B/C receptors (NPR-B/C receptor), initiating the cGMP signaling pathway and regulating vascular function. It exhibits anti-hypoxic effects by downregulating hypoxia-related genes such as HIF1 α and HIF2 α . Additionally, dCNP inhibits tumor stroma induction, demonstrating antifibrotic properties. It also enhances immune response by upregulating CTL, NK cells, and conventional type 1 dendritic cells in tumors.
Targets(IC50)	Natriuretic peptide

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3177 mL	1.5884 mL	3.1767 mL
5 mM	0.0635 mL	0.3177 mL	0.6353 mL
10 mM	0.0318 mL	0.1588 mL	0.3177 mL
50 mM	0.0064 mL	0.0318 mL	0.0635 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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