

IAJD97

Chemical Properties

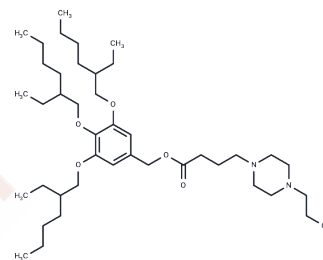
CAS No. : 2857089-36-0

Formula: C41H74N2O6

Molecular Weight: 691.04

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	IAJD97 is an ionizable amphiphilic Janus dendrimer (pKa = 6.46) employed in creating dendrosome nanoparticles (DNPs) for in vivo mRNA delivery. DNPs made from IAJD97 and containing mRNA for luciferase preferentially target the lymph nodes, spleen, and lungs rather than the liver and heart in mice.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4471 mL	7.2355 mL	14.4709 mL
5 mM	0.2894 mL	1.4471 mL	2.8942 mL
10 mM	0.1447 mL	0.7235 mL	1.4471 mL
50 mM	0.0289 mL	0.1447 mL	0.2894 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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