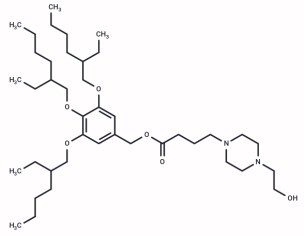
IAJD97

Cat. No.: **SN-M-LM1228**

Chemical Properties

Product Name	IAJD97
Full Name	[3,4,5-tris(2-ethylhexoxy)phenyl]methyl 4-[4-(2-hydroxyethyl)piperazin-1-yl]butanoate
Cat. No.	SN-M-LM1228
CAS No.	2857089-36-0
Molecular Formula	C41H74N2O6
Molecular Weight	691.04
Storage	Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Purity	98+%

Structure



Biological 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.

Related Products / Keywords

- IAJD97

This product is a research reagent and must not be used for clinical validation or human therapeutic use.