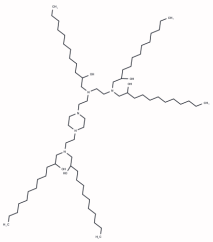
C12-200

Cat. No.: **SN-M-LM604**

Chemical Properties

Product Name	C12-200
Full Name	1-[2-[bis(2-hydroxydodecyl)amino]ethyl-[2-[4-[2-[bis(2-hydroxydodecyl)amino]ethyl]piperazin-1-yl]ethyl]amino]dodecan-2-ol
Cat. No.	SN-M-LM604
CAS No.	1220890-25-4
Molecular Formula	C70H145N5O5
Molecular Weight	1136.93
Appearance	Liquid
Storage	Keep away from moisture,Store at low temperature
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Solubility	DMSO: 90 mg/mL (79.16 mM), Sonication is recommended. | 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (2.9 mM), Sonication is recommended.
Purity	98+%

Structure



Biological Description

C12-200 is a five-tail/branched ionizable cationic lipid that serves as a benchmark lipid material in RNA delivery, demonstrating exceptional performance in mRNA and siRNA lipid nanoparticle (LNP) formulations.

Related Products / Keywords

- C-12-200
- C12200
- C12 200

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