

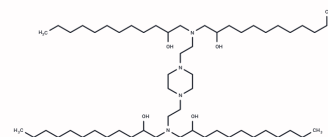
# 1,1',1'',1'''-[1,4-Piperazinediylbis(2,1-ethanediyl)nitriilo)]tetrakis[2-dodecanol]

Cat. No.: SN-M-LM3743

## Chemical Properties

|                   |                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------|
| Product Name      | 1,1',1'',1'''-[1,4-Piperazinediylbis(2,1-ethanediyl)nitriilo)]tetrakis[2-dodecanol]                    |
| Full Name         | 1-[2-[4-[2-[bis(2-hydroxydodecyl)amino]ethyl]piperazin-1-yl]ethyl-(2-hydroxydodecyl)amino]dodecan-2-ol |
| Cat. No.          | SN-M-LM3743                                                                                            |
| CAS No.           | 1265904-26-4                                                                                           |
| Molecular Formula | C <sub>56</sub> H <sub>116</sub> N <sub>4</sub> O <sub>4</sub>                                         |
| Molecular Weight  | 909.54                                                                                                 |
| 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

1,1',1'',1'''-[1,4-Piperazinediylbis(2,1-ethanediyl)nitriilo)]tetrakis[2-dodecanol], a lipid/lipidoid, is utilized in the synthesis of lipid-based or lipidoid nanoparticles [1].

## Related Products / Keywords

- 1,1',1'',1'''-[1,4-Piperazinediylbis(2,1-ethanediyl)nitriilo)]tetrakis[2-dodecanol]

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