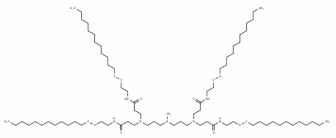
# 306-N16B

Cat. No.: **SN-M-LM879**

## Chemical Properties

| | |
|---|---|
| **Product Name** | 306-N16B |
| **Full Name** | 3-[3-[3-[bis[3-[2-(dodecyldisulfanyl)ethylamino]-3-oxopropyl]amino]propyl-methylamino]propyl-[3-[2-(dodecyldisulfanyl)ethylamino]-3-oxopropyl]amino]-N-[2-(dodecyldisulfanyl)ethyl]propanamide |
| **Cat. No.** | SN-M-LM879 |
| **CAS No.** | 2803699-70-7 |
| **Molecular Formula** | C75H151N7O4S8 |
| **Molecular Weight** | 1471.57 |
| **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

306-N16B is a lipid nanoparticle designed for the systemic co-delivery of Cas9 mRNA and sgRNA, facilitating the transport of mRNA to pulmonary endothelial cells. This compound is advantageous for research focused on genome editing-based therapies [1] .

## Related Products / Keywords

- 306-N16B

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