

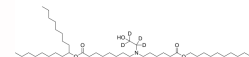
## SM-102-d4

Cat. No.: SN-M-LE416

### Chemical Properties

|                   |                                                                                      |
|-------------------|--------------------------------------------------------------------------------------|
| Product Name      | SM-102-d4                                                                            |
| Cat. No.          | SN-M-LE416                                                                           |
| Molecular Formula | C44H83D4NO5                                                                          |
| Molecular Weight  | 714.19                                                                               |
| Appearance        | 粘稠液体                                                                                 |
| Storage           | Pure form -20°C 3 years                                                              |
| Shipping          | Room temperature in continental US; may vary elsewhere.                              |
| Solubility        | 细胞实验:   DMSO 中的溶解度: 100 mg/mL (140.02 mM; 超声助溶; 吸湿的 DMSO 对产品的溶解度有显著影响, 请使用新开封的 DMSO) |
| Purity            | 98+%                                                                                 |

### Structure



### Biological Description

SM-102-d4 sodium 是氘代标记的 SM-102 (HY-134541)。SM-102 是一种氨基阳离子脂质, 可用于形成脂质纳米颗粒 (LNP)。SM-102 具有更高的转染效率。SM-102 在脂质纳米颗粒 (LNP) 递送 mRNA 疗法和疫苗的有效性方面发挥着重要作用。

### Related Products / Keywords

- SM-102-d4Isotope-Labeled CompoundsLiposomeInhibitorinhibitorinhibit

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