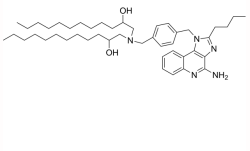
C12-TLRa

Cat. No.: **SN-M-LE879**

Chemical Properties

Product Name	C12-TLRa
Full Name	1-[[4-[(4-amino-2-butylimidazo[4,5-c]quinolin-1-yl)methyl]phenyl]methyl-(2-hydroxydodecyl)amino]dodecan-2-ol
Cat. No.	SN-M-LE879
CAS No.	3067466-15-0
Molecular Formula	C46H73N5O2
Molecular Weight	728.10
Appearance	固体
Storage	Powder -20°C 3 years
Shipping	Room temperature in continental US; may vary elsewhere.
Solubility	细胞实验： | Ethanol 中的溶解度 : 50 mg/mL (68.67 mM; 超声助溶) | DMSO 中的溶解度 : 5 mg/mL (6.87 mM; 超声助溶 (<60°C); 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

C12-TLRa 是一种离子化佐剂类脂。C12-TLRa 靶向内体中的 TLR7/8 受体。C12-TLRa 作为 LNP 的结构成分来增强 mRNA 递送。C12-TLRa 增强先天免疫应答。C12-TLRa 可用于 SARS-CoV-2 mRNA 疫苗研究。

Related Products / Keywords

- C12-TLRa3067466-15-0LiposomeToll-like Receptor (TLR)adjuvant lipidoidLNPmRNA deliveryvaccinesInhibitorinhibitorinhibit

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