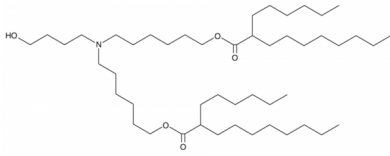


ALC-0315



Artikelnummer	Cay34337-25
Größe	25 mg
Datenblatt	↓
Manual	-
SDB	↓
Lieferzeit	ca. 1-3 Werktage
Menge	<input type="text" value="0"/>
Preis	244,00 €
Artikelnummer	Cay34337-50
Größe	50 mg
Datenblatt	↓
Manual	-
SDB	↓
Lieferzeit	6 - 10 Werktage*
Menge	<input type="text" value="0"/>
Preis	439,00 €
Artikelnummer	Cay34337-100
Größe	100 mg
Datenblatt	↓
Manual	-
SDB	↓
Lieferzeit	6 - 10 Werktage*

Menge

0

Preis

780,00 €

Produktinformationen "ALC-0315"

ALC-0315 is an ionizable amino lipid that has been used in combination with other lipids in the formation of lipid nanoparticles. Administration of severe acute respiratory coronavirus 2 (SARS-CoV-2) mRNA in ALC-0315-containing lipid nanoparticles induces the production of IgG that binds to the SARS-CoV-2 receptor-binding domain (RBD) in rhesus macaques, with a boost in antigen-specific IgG geometric mean titers (GMT) seven and 14 days after a second dose. Formulations containing ALC-0315 have been used in the development of lipid nanoparticles for the delivery of mRNA-based vaccines. Formal Name: 2-hexyl-decanoic acid, 1,1'-[[[4-hydroxybutyl]imino]di-6,1-hexanediyl] ester. CAS Number: 2036272-55-4. Molecular Formula: C₄₈H₉₅NO₅. Formula Weight: 766.3. Purity: >98%. Formulation: A solution in chloroform. Solubility: Chloroform: 50 mg/ml. SMILES: OCCCCN(CCCCCCOC(C(CCCCC)CCCCCCCC)=O)CCCCCOC(C(CCCCC)CCCCCCCC)=O. InChi Code: InChI=1S/C48H95NO5/c1-5-9-13-17-19-27-37-45(35-25-15-11-7-3)47(51)53-43-33-23-21-29-39-49(41-31-32-42-50)40-30-22-24-34-44-54-48(52)46(36-26-16-12-8-4)38-28-20-18-14-10-6-2/h45-46,50H,5-44H2,1-4H3. InChi Key: QGWBEETXHOVFQS-UHFFFAOYSA-N.

Schlagworte:

2-hexyl-decanoic acid, 1,1'-[[[4-hydroxybutyl]imino]di-6,1-hexanediyl] ester

Hersteller:[Cayman Chemical](#)**Hersteller-Nr:**

34337

Eigenschaften

Anwendung:

Ionizable amino lipid, Lipid nanoparticle formation

MW:

766.3 D

Formel:C₄₈H₉₅NO₅**Reinheit:**

>98%

Format:

Solution

Datenbank Information

CAS :2036272-55-4 | [Passende Produkte](#)

Handhabung & Sicherheit

Lagerung:

-20°C

Versand:

-20°C (International: -20°C)

**Achtung**

Nur für Forschungszwecke und Laboruntersuchungen: Nicht für die Anwendung im oder am Menschen!