

CERTIFICATE OF ANALYSIS

L319

Cat #: orb1089401

Description:

L319 is a novel ionizable, biodegradable lipid for delivery of short interfering RNAs (siRNAs). L319-LPN displays rapid elimination with pKa of 6.38 and also shows well tolerated up to 10 mg/kg.

Chemical Information

Catalog	orb1089401
Lot	Y2548
Purity of current batch:	>98%
Molecular Weight (MW)	678.04
Molecular Formula	C41H75NO6
CAS No.	1351586-50-9
Appearance	Oil form
Storage	Store at -20°C (desiccating conditions).

Handling:

Providing storage is as stated on the product vial and the vial is kept tightly sealed, the product can be stored for up to 24 months.

Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.