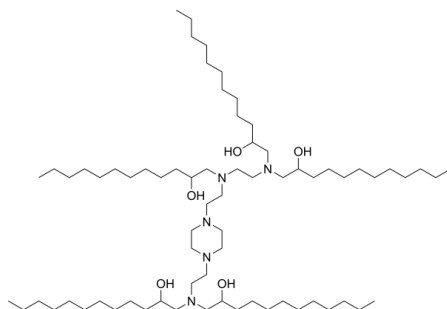


## CERTIFICATE OF ANALYSIS

**C12-200**

**Cat #: orb1146680**



### Description:

C12-200 is a cationic lipid for Lipid NanoParticles as delivery systems for enabling the therapeutic potential of siRNA, mRNA or CRISPR as they exhibit remarkable in vivo potencies at low doses.

### Chemical Information

Catalog	orb1146680
Lot	I7806
Purity of current batch:	>98%
Molecular Weight (MW)	1136.93
Molecular Formula	C70N5O5H145
CAS No.	1220890-25-4
Appearance	Oil liquid
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.