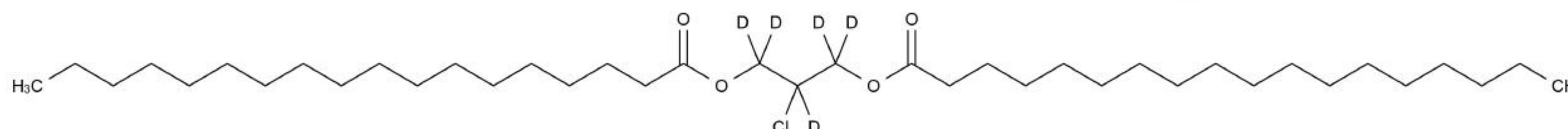


Certificate of Analysis

Reference Material & Standard

Product Name:	1,3-Distearoyl-2-Chloropropanediol-d5	Catalogue Number:	CCFD200581
Synonyms:	N/A	Lot Number:	0328-RG-0141
CAS Number:	1329796-49-7	Expiry Date:	Feb 19, 2029
Molecular Formula:	C39H70D5ClO4	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	648.49	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HNMR	Confirmed
Isotopic Purity		98.2%
Assay	qNMR	98.2%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Apr 02, 2025

Date: Apr 02, 2025

Date: Apr 02, 2025

