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Certificate of Analysis

1-Stearoyl-rac-glycerol-d_{35}

Cat. No.:	HY-Y1039S1
CAS No.:	333748-53-1
Batch No.:	312414
Chemical Name:	Octadecanoic-2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,18-d35 acid, 2,3-dihydroxypropyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{21}H_7D_{35}O_4$		
Molecular Weight:	**393.77**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
Purity (NMR):	**≥98.0%**
Isotopic Enrichment:	99.1%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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