Certificate of Analysis

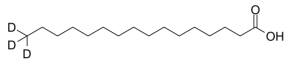
Palmitic acid-d3

Cat. No.:	HY-N0830S5
CAS No.:	75736-53-7
Batch No.:	152226
Chemical Name:	Hexadecanoic-16,16,16-d3 acid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{16}H_{29}D_3O_2$		
Molecular Weight:	**259.44**		
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:	99.9%
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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