Certificate of Analysis

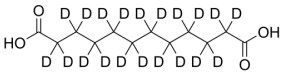
Dodecanedioic acid-d_{20}

Cat. No.:	HY-W012241S
CAS No.:	89613-32-1
Batch No.:	404798
Chemical Name:	Dodecanedioic acid-d20

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{12}H_2D_{20}O_4$		
Molecular Weight:	**250.42**		
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 (HPLC):	**≥99.0%**
Isotopic Enrichment:	98.59%
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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