Certificate of Analysis

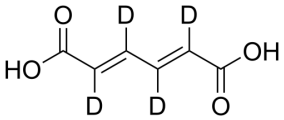
trans-trans-Muconic acid-d_4

Cat. No.:	HY-113247S
CAS No.:	1955496-83-9
Batch No.:	362026
Chemical Name:	trans-trans-Muconic acid-d4

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_6H_2D_4O_4$		
Molecular Weight:	**146.13**		
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):	**99.80%**
Isotopic Enrichment:	99.60%
Additional Information:	d2=0.04%, d3=1.52%, d4=98.44%
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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