Certificate of Analysis

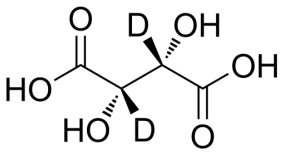
DL-Tartaric acid-d_2

Cat. No.:	HY-Y1315S
CAS No.:	181376-62-5
Batch No.:	267941
Chemical Name:	Butanedioic-2,3-d2 acid, 2,3-dihydroxy-, (R*,R*)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_4H_4D_2O_6$		
Molecular Weight:	**152.10**		
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 light yellow (Solid)
^{1}H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	**98.30%**
Isotopic Enrichment:	97.93%
Additional Information:	d0=0.12%, d1=3.9%, d2=95.98%
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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