Certificate of Analysis

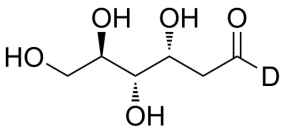
2-Deoxy-D-glucose-d

Cat. No.:	HY-13966S
CAS No.:	188004-07-1
Batch No.:	265024
Chemical Name:	D-arabino-Hexose-1-C-d, 2-deoxy-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_6H_{11}DO_5$		
Molecular Weight:	**165.16**		
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
MS:	Consistent with structure
Purity (NMR):	**≥98.0%**
Isotopic Enrichment:	99.50%
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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