Certificate of Analysis

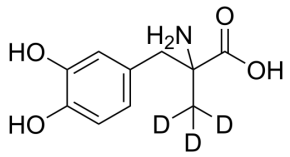
DL-Methyldopa-d_3

Cat. No.:	HY-121809S
Batch No.:	244930
Chemical Name:	2-Amino-2-(3,4-dihydroxybenzyl)propanoic-3,3,3-d3 acid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{10}H_{10}D_3NO_4$		
Molecular Weight:	**214.23**		
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
LCMS:	Consistent with structure
Purity (LCMS):	**98.17%**
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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