Certificate of Analysis

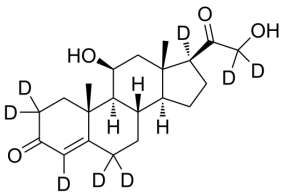
Corticosterone-d_8

Cat. No.:	HY-B1618S
CAS No.:	1271728-07-4
Batch No.:	313097
Chemical Name:	Pregn-4-ene-3,20-dione-2,2,4,6,6,17,21,21-d8, 11,21-dihydroxy-, (11β)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{21}H_{22}D_8O_4$		
Molecular Weight:	**354.51**		
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):	**98.43%**
Isotopic Enrichment:	99.00%
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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