Certificate of Analysis

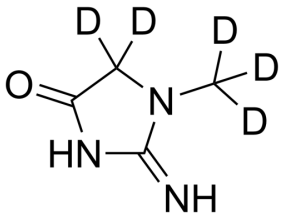
Creatinine-d_5

Cat. No.:	HY-B0504S2
Batch No.:	324912
Chemical Name:	2-Imino-1-(methyl-d3)imidazolidin-4-one-5,5-d2

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_4H_2D_5N_3O$		
Molecular Weight:	**118.15**		
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):	**99.90%**
Isotopic Enrichment:	99.4%
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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