



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-217100
Lot Number: SAMPLE
Product Name: 5-(Methyl-d3)-2'-deoxy Cytidine
CAS Number: 1160707-78-7
Molecular Formula: $C_{10}H_{12}D_3N_3O_4$
Molecular Weight: 244.26

Test	Specification	Result
Appearance		White solid
Identification (1H -NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Isotopic Purity		99%
Purity (TLC)		98%
Atmosphere		Inert gas
Melting Point		192 - 195 °C
Solubility		DMSO and Methanol
Specific Rotation		+ 61.1°(c = 0.5, Methanol)
Ethanol		2%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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