



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-216852  
Lot Number: SAMPLE  
Product Name: 4-Hydroxy Alverine-d5  
CAS Number: 1216415-67-6  
Molecular Formula:  $C_{20}H_{22}D_5NO$   
Molecular Weight: 302.47

Test	Specification	Result
Appearance	Pale yellow solid	Complies
Assay	$\geq 90.0\%$	97.9%
Identification (1H-NMR)	Conforms to structure	Complies
Identification (Infrared Spectrum)	Conforms to structure	Complies
Identification (Mass Spectrometry)	Conforms to structure	Complies
Isotopic Enrichment	$\geq 98.0\%$	99.0%
Purity (HPLC)	$\geq 95.0\%$	98.8%
Residual Solvents	NMR	0.1% methanol
Solubility		Methanol, DMSO, DMF, Acetonitrile
Impurity	HPLC	RT 14.90, 0.20%; RT 18.59, 0.95%
Water Content (KF)		0.8%

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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