



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-217660
Lot Number: SAMPLE
Product Name: Arecoline-d5 Hydrobromide Salt
CAS Number: 131448-18-5
Molecular Formula: $C_8H_8D_5NO_2 \cdot HBr$
Molecular Weight: 241.14
Native Source: Synthetic

Test	Specification	Result
Appearance		Off-white solid
Identification (1H -NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Isotopic Purity		98.6%
Purity (TLC)		98%
Atmosphere		Air
Melting Point		162 - 165 °C
Solubility		Water, Methanol
Bromine Content		33.0%

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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