



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-212382
Lot Number: SAMPLE
Product Name: (+/-)-Nicotine-13CD3
CAS Number: 909014-86-4
Molecular Formula: $(^{13}\text{C})\text{C}_8\text{H}_{11}\text{D}_3\text{N}_2$
Molecular Weight: 166.24
Native Source: Synthetic

Test	Result
Appearance	Dark Orange to Brown Oil
Identification (1H-NMR)	Conforms to structure
Identification (13C-NMR)	Conforms to structure
Identification (Mass Spectrometry)	Conforms to structure
Isotopic Purity	98.0%
Purity (TLC)	96%
Solubility	Chloroform (Slightly), Methanol (Slightly)

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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