



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-490063  
Lot Number: SAMPLE  
Product Name: 10-Hydroxy Camptothecin-d5  
CAS Number: 1330277-66-1  
Molecular Formula:  $C_{20}H_{11}D_5N_2O_5$   
Molecular Weight: 369.38  
Native Source: synthetic

Test	Specification	Result
Appearance		Dark green solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Isotopic Purity		98.4%
Purity (TLC)		96%
Elemental Analysis		Complies
Melting Point		> 216 °C (dec.)
Carbon Content	65.03%	61.37%
Hydrogen Content	4.37%	4.79%
Nitrogen Content	7.58%	7.29%
Water Content		5.62% based on Elemental Analysis

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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