



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-288271  
Lot Number: SAMPLE  
Product Name: 2-NP-AHD-13C3  
CAS Number: 1007476-86-9  
Molecular Formula:  $(^{13}\text{C})_3\text{C}_7\text{H}_8\text{N}_4\text{O}_4$   
Molecular Weight: 251.17

Test	Specification	Result
Appearance		Pale yellow crystals
Identification ( $^1\text{H}$ -NMR)		Corresponds to structure
Isotopic Purity		> 98% $^{13}\text{C}$
Purity (HPLC)		99.9 $\pm$ 0.1% (266 nm)
Elemental Analysis	C: 47.84 % (calc. as $^{12}\text{C}$ ) H: 3.21 % N: 22.31 %	C: 47.78 % H: 3.19 % N: 22.59 %
Melting Point		222 - 224°C

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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