



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-227755
Lot Number: SAMPLE
Product Name: (DHQ)2Pyr
CAS Number: 149820-65-5
Molecular Formula: $C_{56}H_{60}N_6O_4$
Molecular Weight: 881.11

Test	Specification	Result
Appearance (Color)	White	Complies
Appearance (Form)	Powder, crystals, crystalline powder and / or chunks	Powder
Identification (1H -NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 96.5\%$	97.9%
Optical Rotation	443 - 473° (C = 1.2%, methanol)	450°
Carbon Content	73.7 - 79.0%	76.0%
Nitrogen Content	9.2 - 9.9%	9.4%

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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