



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203166
Lot Number: SAMPLE
Product Name: NU 1025
CAS Number: 90417-38-2
Molecular Formula: $C_9H_8N_2O_2$
Molecular Weight: 176.2

Test	Specification	Result
Appearance		Light grey solid
Identification (1H -NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity		99.9%
TLC		0.45
Melting Point		267.4 °C
Solubility		Insoluble in water and EtOH; Soluble in 0.1N NaOH (aq) at 6.9 mg/ml; soluble in 0.1N HCl (aq) 10.3 mg/ml; Soluble in DMSO at 17.6 mg/ml;
Carbon Content	60.74%	60.79%
Hydrogen Content	4.64%	4.49%
Nitrogen Content	15.74%	15.54%

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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