



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-210654
Lot Number: SAMPLE
Product Name: 7,9-Dimethylguanine Hemitosylate
CAS Number: 524-35-6 (free acid)
Molecular Formula: $C_7H_9N_5O \cdot 1/2 C_7H_8O_3S$
Molecular Weight: 265.28
Native Source: Synthetic

Test	Specification	Result
Appearance		Beige Solid
Identification (1H -NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity (TLC)		95%
Atmosphere		Air
Melting Point		292 - 294 °C (dec.)
Solubility		DMSO (Heated)
Carbon Content		44.47%
Hydrogen Content		5.26%
Nitrogen Content		25.12%

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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