



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-477846
Lot Number: SAMPLE
Product Name: 8-Oxo-2'-deoxyadenosine
CAS Number: 62471-63-0
Molecular Formula: $C_{10}H_{13}N_5O_4$
Molecular Weight: 267.24

Test	Specification	Result
Appearance		Off-white solid
Identification (1H-NMR)		Conforms to structure
Identification (Mass Spectrometry)		Conforms to structure
Purity (TLC)		97%
Atmosphere		Inert gas
Elemental Analysis	%C: 44.94 %H: 4.90 %N: 26.21	%C: 43.44 %H: 4.98 %N: 25.16
Melting Point		> 130°C (dec.)
Solubility		DMSO (slightly), Methanol (Slightly), Water Slightly
Specific Rotation		-26.1° (c = 0.2, water)

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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