



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-490697
Lot Number: SAMPLE
Product Name: Methisosildenafil
CAS Number: 496835-35-9
Molecular Formula: $C_{23}H_{32}N_6O_4S$
Molecular Weight: 488.6
Native Source: Synthetic

Test	Specification	Result
Appearance		White to off-white solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (TLC)		98%
Atmosphere		Air
Melting Point		200.0 - 201.0°C
Solubility		DMSO, Methanol
Carbon Content	56.54%	56.38%
Hydrogen Content	6.60%	6.68%
Nitrogen Content	17.20%	17.05%

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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