



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-205752A
Lot Number: SAMPLE
Product Name: Mevastatin Sodium
CAS Number: 99782-89-5
Molecular Formula: $C_{23}H_{35}O_6 \cdot Na$
Molecular Weight: 430.5
Native Source: Synthetic

Test	Specification	Result
Appearance		Off-white solid
Identification (1H -NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity (TLC)		98%
Atmosphere		Air
Melting Point		> 152 °C (dec.)
Solubility		DMSO, Methanol
Specific Rotation		+215.9° (c = 0.565, Methanol)
Carbon Content		62.94%
Hydrogen Content		8.21%
Nitrogen Content		< 0.05%
Sodium Content		5.7%

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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