



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-364723
Lot Number: SAMPLE
Product Name: Atorvastatin calcium salt trihydrate
CAS Number: 344423-98-9
Molecular Formula: $C_{33}H_{34}FN_2O_5 \cdot 0.5 Ca \cdot 1.5 H_2O$
Molecular Weight: 604.69

Test	Specification	Result
Appearance		White powder
Identification (1H -NMR)	Consistent with structure	Complies
Purity (HPLC)		$\geq 98\%$
Molecular Weight	Pass by mass spectrometry	Complies
Solubility		Clear colorless solution at 13 mg/ml in DMSO
Specific Rotation		-6.8° (c=1.0 DMSO)
Carbon Content		65.68%
Hydrogen Content		6.16%
Nitrogen Content		4.7%

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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