



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-202975  
Lot Number: SAMPLE  
Product Name: Bestatin  
CAS Number: 58970-76-6  
Molecular Formula:  $C_{16}H_{24}N_2O_4$   
Molecular Weight: 308.4

Test	Specification	Result
Appearance	White crystalline powder	Complies
Assay	≥98.5%	99.5%
identification (HPLC)	Conforms to structure	Complies
Identification (Infrared Spectrum)	Conforms to structure	Complies
pH	4.5-7.0	5.7
Residue on Ignition	≤0.1%	0.08%
Specific Rotation	-15.0° to -18.0°	-17.9°
Heavy Metals	≤20 ppm	Complies
Loss on Drying	≤0.5%	0.05%
Related Substances	≤1.0%	0.7%

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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