



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-295358
Lot Number: SAMPLE
Product Name: Leupeptin hemisulfate
CAS Number: 103476-89-7
Molecular Formula: $C_{20}H_{38}N_6O_4 \cdot 1/2H_2SO_4$
Molecular Weight: 475.59

Test	Specification	Result
Appearance	White powder	Complies
Purity (HPLC)	$\geq 90\%$	$\geq 96.5\%$
Solubility	Clear colorless to faint yellow solution (50 mg/mL in H ₂ O)	Complies
Optical Rotation ($\alpha_{22/D}$)		-75° (c=1, H ₂ O)
Peptide Content	> 70%	> 85%
Water Content (KF)	< 10%	Complies

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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