Certificate of Analysis

Leupeptin (hemisulfate)

Cat. No.: HY-18234A

CAS No.: 103476-89-7

Batch No.: 18729

Chemical Name: L-Leucinamide, N-acetyl-L-leucyl-N-[(1S)-4-[(aminoiminomethyl)amino]-1-formylbutyl]-, sulfate (2:1)

PHYSICAL AND CHEMICAL PROPERTIES

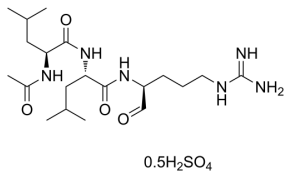
Molecular Formula: $C_{20}H_{38}N_6O_4.1/2H_2SO_4$

Molecular Weight: **475.59**

Storage: -20°C, sealed storage, away from moisture

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)

Purity: **98.0%**

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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