



Certificate of Analysis

Product Name	Leupeptin Hemisulfate (NK381)
Catalog No.	V0703
Batch No.	V070303

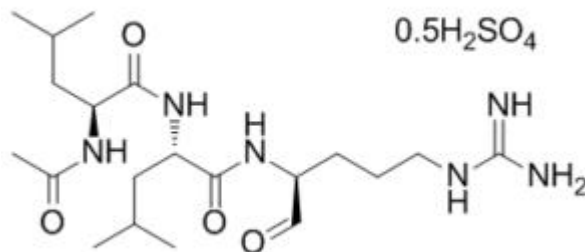
1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C ₂₀ H ₃₈ N ₆ O ₄ ·1/2H ₂ SO ₄
Molecular Weight	475.59
Purity	≥98%
CAS No.	103476-89-7
Production Date	04/03/2023

2. Analytical Data

HPLC	Indicates ≥98% purity
NMR	Consistent with structure
Mass Spectrum	Consistent with structure

3. Structure



4. Storage Condition

Short term storage (weeks)	0 - 4 °C under dry condition for six weeks
Long term storage (months)	-20 °C under dry condition for two years

Products are for research use only • Not for human or veterinary use