



## Certificate of Analysis

Product Name	Leupeptin Hemisulfate
Catalog No.	V0703
Batch No.	V070301

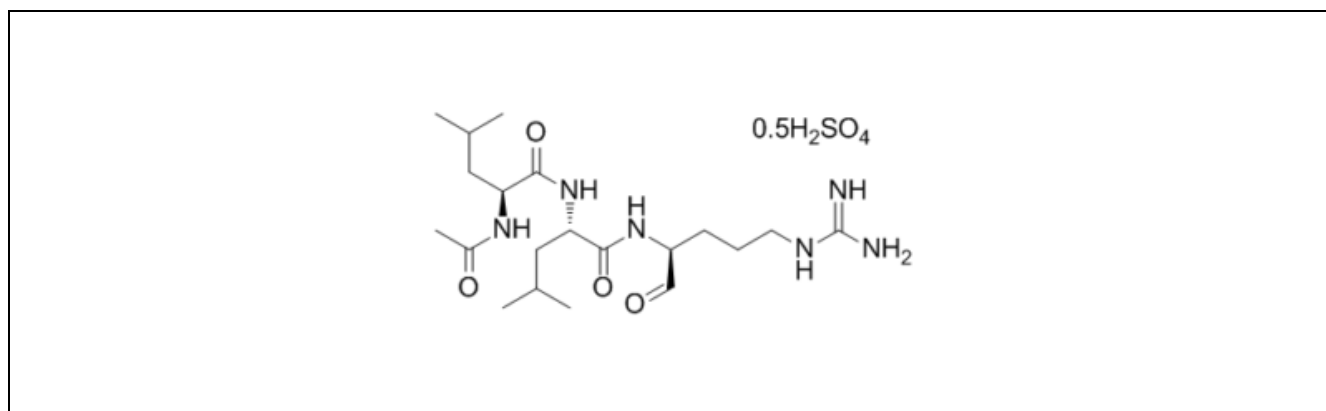
### 1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C <sub>20</sub> H <sub>38</sub> N <sub>6</sub> O <sub>4</sub> ·1/2H <sub>2</sub> SO <sub>4</sub>
Molecular Weight	475.59
Purity	≥98%
CAS No.	103476-89-7
Production Date	09/28/2020

### 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