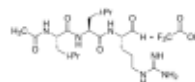


Product Specification

Product Name:
Leupeptin trifluoroacetate salt - ≥90% (HPLC), microbial

Product Number: **L2023**
CAS Number: 147385-61-3
Formula: C₂₀H₃₈N₆O₄
Formula Weight: 426.6 AMU



TEST	Specification
------	---------------

Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
50 mg/ml H ₂ O	
Water (by Karl Fischer)	≤ 12 %
IONX-HPLC	≤ 45 %
Ion Exchange HPLC with conductivity Detection As trifluoroacetate As trifluoroacetate	
Purity (HPLC)	≥ 90 %
Leupeptin gives multiple peaks on HPLC due to equilibria among three forms in solution. Purity determined using 3 main peaks	
Note	-----
Formula and formula weight are for the free base	

Specification: PRE.0.ZQ5.1000021193

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

