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Certificate of Analysis

Catalogue Number	00617
Lot Number	000706-007512
Product	Ac-Leu-Leu-Arg-aldehyde hemisulfate salt Leupeptin hemisulfate salt
CAS Number	103476-89-7
Molecular Formula	C ₂₀ H ₃₈ N ₆ O ₄ •½H ₂ SO ₄
Molecular Weight	475.6

Appearance	White powder
Solubility	Soluble in 50 mg/ml in water
Water Content (Karl Fisher)	6.79%
Optical Rotation	[α] _D ²⁰ = -72.1 ° (C=1 in water)
Peptide Content	91.2% (by N)
Purity by HPLC	97.74%
Grade	Synthetic
Storage	Store < -10°C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager