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Product Specifications

Catalogue Number	09684
Product	Pepstatin Isovaleryl-Val-Val-Sta-Ala-Sta-OH (microbial product)
CAS Number	26305-03-3
Molecular Formula	C ₃₄ H ₆₃ N ₅ O ₉
Molecular Weight	685.9

Appearance	White powder
Solubility	Clear colorless solution 25 mg/mL in 80% AcOH
Biological staining	≥ 920 µg/mg
TLC System	Chloroform/Methanol/Acetic acid 32% 5/3/1 n-Butanol/Acetic acid/Water 4/2/2 Chloroform/Methanol 8/2 Plate : Silicagel 60 F ₂₅₄ Detected by : UV, Ninhydrin, TMB
Analysis by Mass Spectra	M = 685.9 u
Assay	≥ 98 (10.21% elemental analysis)
Purity by TLC	≥ 99%
Storage	Store at ≤ -4 °C.

For Laboratory Use Only