

Analytical Data Sheet

Lot number	1000037976 not for drug use
Product	H-Leu-Leu-OMe · HBr
Product number	4000725.0001
Molecular formula	C ₁₃ H ₂₆ N ₂ O ₃ · HBr
Relative molecular mass	339.27

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in MeOH)
Identification (elemental analysis)	C-Value 46.4% H-Value 8.4% N-Value 7.8%
Identification (TLC)	complies with authentic material
Melting point	187 °C
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid/ H ₂ O 45/13/1/2 chloroform/methanol/toluene/H ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	94.8% (Nth 8.26%, Nfd 7.83%)
Water content (KF volumetric)	0.2%
Bromide content (titration)	22.4%

Latest update: September 11, 2020

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