

Analytical Data Sheet

Lot number

1037505

not for drug use

Catalog Number	I-1685.0025
Product number	4027157.0025
Product	Z- Leu- Arg- Gly- Gly- AMC acetate salt
Molecular formula	C ₃₄ H ₄₄ N ₈ O ₈
Relative molecular mass	692.77

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (5 mg/ml in 50 % AcOH)
Identification (ESI-MS)	m = 692.7u (average mass)
Purity (HPLC)	98.8% (TFA) 96.9% (TEAP) 98.6% (NaClO ₄)
Purity (TLC)	> 95%
TLC conditions	Chloroform/methanol/acetic acid(98-100%)/H ₂ O 45/13/1/2 Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	86.4% (Nth 16.17 %, Nfd 13.97 %)

Latest update: July 07, 2011

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