

Analytical Data Sheet

Lot number **1000001925**
not for drug use

Catalog number **I-1960.0250**
Product number **4034611.0250**
Product **Z- Leu- Arg- AMC hydrochloride salt**
Molecular formula **C₃₀H₃₈N₆O₆**
Relative molecular mass **578.67**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (1 mg/ml in 50 % AcOH)
Identification (ESI-MS)	m = 578.7u (average mass)
Purity (HPLC)	97.7% (TFA)
Purity (TLC)	> 95%
Related impurities (TLC)	< 0.1% AMC
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 chloroform/methanol/toluene/H ₂ O 8/8/8/1 plate : silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, IRH
Assay (elemental analysis)	93.0% (Nth 14.52 %, Nfd 13.51 %)
General comment	Product supplied as hydrochloride salt

Latest update: June 19, 2018

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