

Analytical Data Sheet

Lot number **1000025729**
not for drug use

Catalog number **I-1925.0005**
Product number **4044046.0005**
Product **Ac- Arg- Gly- Lys(Ac) - AMC trifluoroacetate salt**
Molecular formula **C₂₈H₄₀N₈O₇**
Relative molecular mass **600.68**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in acetic acid 80%)
Identification (elemental analysis)	Theory Found C = 70.3% C = 70.1% H = 6.3% H = 6.3% N = 10.9% N = 10.9%
Identification (TLC)	complies with authentic material
Melting point	182 °C
Purity (TLC)	> 99%
Related impurities (TLC)	< 0.1% βNA
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/60/12/36 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.4% (Nth 10.93%, Nfd 10.86%)

Latest update: December 04, 2019

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