

Analytical Data Sheet

Lot number **1000018148**
not for drug use

Catalog number **I-1650.0005**
Product number **4018149.0005**
Product **Pyr- Arg- Thr- Lys- Arg- AMC trifluoroacetate salt**
Molecular formula $C_{37}H_{57}N_{13}O_9$
Relative molecular mass 827.94

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (ESI-MS)	m = 827.9u (average mass)
Identification (TLC)	complies with authentic material
Purity (HPLC)	96.6% (TFA) 96.1% (NaClO ₄)
Related impurities (TLC)	< 0.1% AMC
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	69.2% (Nth 21.99%, Nfd 15.22%)

Latest update: July 04, 2019

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