

Analytical Data Sheet

Lot number **1000018213**
not for drug use

Catalog number I-1650.0025
Product number 4018149.0025
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) | 98.4% (TFA) 97.0% (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, TMB |
| Assay (elemental analysis) | 68.8% (Nth 21.99%, Nfd 15.14%) |

Latest update: July 09, 2019

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