

Analytical Data Sheet

Lot number **1000032102**
not for drug use

Catalog number I-1160.0250
Product number 4003379.0250
Product Z- Phe- Arg- AMC · HCl
Molecular formula $C_{33}H_{36}N_6O_6 \cdot HCl$
Relative molecular mass 649.15

| Tests | Results |
|----------------------------|---|
| Appearance | off-white powder |
| Appearance of solution | clear, colorless solution (50 mg/ml in AcOH 50 %) |
| Identification (TLC) | complies with authentic material |
| Purity (TLC) | > 99% |
| TLC conditions | n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine |
| Assay (elemental analysis) | 89.0% |

Latest update: May 06, 2020

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