

Analytical Data Sheet

Lot number **1073032**
not for drug use

Catalog number **I-1400.0005**
Product number **4012340.0005**
Product **Boc- Phe- Ser- Arg- AMC acetate salt**
Molecular formula $C_{33}H_{43}N_7O_8$
Relative molecular mass 665.75

| Tests | Results |
|-------------------------------|---|
| Appearance | white powder |
| Appearance of solution | clear, colorless solution (50 mg/ml in MeOH) |
| Identification (ESI-MS) | m = 665.2u |
| Purity (TLC) | ≥ 98% |
| TLC conditions | n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB |
| Assay (elemental analysis) | 86.8% (Nth 14.73 %, Nfd 12.78 %) |
| Water content (KF volumetric) | 1.9% |

Latest update: August 21, 2017

Analytical Data Sheet
Lot number **1073032**