

Analytical Data Sheet

Lot number **1070785**
not for drug use

Catalog number **I-1400.0025**
Product number **4012340.0025**
Product **Boc- Phe- Ser- Arg- AMC acetate salt**
Molecular formula **C₃₃H₄₃N₇O₈**
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: March 16, 2017

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