

## Analytical Data Sheet

Lot number **1000020116**  
not for drug use

Catalog number **I-1295.0250**  
Product number **4004023.0250**  
Product **H- Pro- Phe- Arg- AMC acetate salt**  
Molecular formula **C<sub>30</sub>H<sub>37</sub>N<sub>7</sub>O<sub>5</sub>**  
Relative molecular mass **575.67**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (TLC)	reference complies with authentic material
Purity (HPLC)	99.09%(TFA)
Purity (TLC)	> 99%
Related impurities (TLC)	< 0.05%AMC
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	75.7%(Nth 17.03%, Nfd 12.89%)
Water content (KF volumetric)	1.6%
Trifluoroacetic acid content (HPLC)	20.50%

Latest update: August 12, 2019

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