

Analytical Data Sheet

Lot number **1075291**
not for drug use

Catalog number **I-1105.0050**
Product number **4005550.0050**
Product **Boc- Leu- Gly- Arg- AMC acetate salt**
Molecular formula **C₂₉H₄₃N₇O₇**
Relative molecular mass **601.70**

Tests	Results								
Appearance	white lyophilisate								
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 52.32 %</td><td>C = 51.98 %</td></tr><tr><td>H = 7.20 %</td><td>H = 7.61 %</td></tr><tr><td>N = 12.20 %</td><td>N = 11.98 %</td></tr></tbody></table> <p>Calc. as 3 AcOH x 1.2 H₂O</p>	Theory	Found	C = 52.32 %	C = 51.98 %	H = 7.20 %	H = 7.61 %	N = 12.20 %	N = 11.98 %
Theory	Found								
C = 52.32 %	C = 51.98 %								
H = 7.20 %	H = 7.61 %								
N = 12.20 %	N = 11.98 %								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid(98-100%)/H ₂ O 45/13/1/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB								
Assay (elemental analysis)	73.5% (Nth 16.29 %, Nfd 10.98 %)								
Water content (KF volumetric)	2.6%								
Acetic acid content (IC)	21.3%								

Latest update: January 22, 2018

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