

Analytical Data Sheet

Lot number **1074396**
not for drug use

Catalog number **A-3460.0001**
Product number **4019005.0001**
Product **Boc- Glu- OFm**
Molecular formula $C_{24}H_{27}NO_6$
Relative molecular mass 425.48

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (ESI-MS)	m = 425.5u
Identification (elemental analysis)	Theory Found C = 67.8 % C = 67.8 % H = 6.4 % H = 6.1 % N = 3.3 % N = 3.3 %
Identification (TLC)	complies with authentic material
Melting point	103 °C
Purity (HPLC)	99.3% (TFA, 260 nm)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Water content (KF volumetric)	0.5%

Latest update: November 16, 2017

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