

Analytical Data Sheet

Lot number **1074391**
not for drug use

Catalog number **A-3460.0005**
Product number **4019005.0005**
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)	<table> <thead> <tr> <th>Theory</th> <th>Found</th> </tr> </thead> <tbody> <tr> <td>C = 67.8 %</td> <td>C = 67.8 %</td> </tr> <tr> <td>H = 6.4 %</td> <td>H = 6.1 %</td> </tr> <tr> <td>N = 3.3 %</td> <td>N = 3.3 %</td> </tr> </tbody> </table>	Theory	Found	C = 67.8 %	C = 67.8 %	H = 6.4 %	H = 6.1 %	N = 3.3 %	N = 3.3 %
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

Analytical Data Sheet
Lot number **1074391**