

Analytical Data Sheet

Lot number **1071829**
not for drug use

Catalog number **B-1535.0001**
Product number **4011602.0001**
Product **Fmoc- Homophe- OH**
Molecular formula $C_{25}H_{23}NO_4$
Relative molecular mass 401.46

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in dioxane)								
Identification (elemental analysis)	<table> <thead> <tr> <th>Theory</th> <th>Found</th> </tr> </thead> <tbody> <tr> <td>C = 74.8 %</td> <td>C = 74.8 %</td> </tr> <tr> <td>H = 5.8 %</td> <td>H = 5.8 %</td> </tr> <tr> <td>N = 3.5 %</td> <td>N = 3.4 %</td> </tr> </tbody> </table>	Theory	Found	C = 74.8 %	C = 74.8 %	H = 5.8 %	H = 5.8 %	N = 3.5 %	N = 3.4 %
Theory	Found								
C = 74.8 %	C = 74.8 %								
H = 5.8 %	H = 5.8 %								
N = 3.5 %	N = 3.4 %								
Identification (TLC)	complies with authentic material								
Melting point	145 °C								
Purity (HPLC)	99.9% (TFA)								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/toluene/H ₂ O 8/8/8/1 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB								
Assay (elemental analysis)	100.0% (Cth 74.80 %, Cfd 74.81 %)								

Latest update: June 07, 2017

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