

Analytical Data Sheet

Lot number

1039608

not for drug use

Catalog Number	B-2200.0005
Product number	4017844.0005
Product	Fmoc- Asn(Trt) - OPfp
Molecular formula	$C_{44}H_{31}F_5N_2O_5$
Relative molecular mass	762.73

Tests	Results								
Appearance	white crystalline powder								
Appearance of solution	clear, colorless solution (50 mg/ml in dioxane)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 68.48 %</td> <td>C = 68.39 %</td> </tr> <tr> <td>H = 4.18 %</td> <td>H = 4.24 %</td> </tr> <tr> <td>N = 3.63 %</td> <td>N = 3.53 %</td> </tr> </table>	Theory	Found	C = 68.48 %	C = 68.39 %	H = 4.18 %	H = 4.24 %	N = 3.63 %	N = 3.53 %
Theory	Found								
C = 68.48 %	C = 68.39 %								
H = 4.18 %	H = 4.24 %								
N = 3.63 %	N = 3.53 %								
Identification (TLC)	conforms with authentic material								
Melting point	152 °C								
Purity (HPLC)	97.9% (TFA)								
Purity (TLC)	decomposes on TLC plate								
TLC conditions	benzene/dioxane/acetic acid 95/25/4 chloroform/ethylacetate 1/1 ethylacetate/hexane 4/5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Assay (elemental analysis)	98.7% (Cth 69.29 %, Cfd 68.39 %)								
Latest update: November 10, 2011	Analytical Data Sheet Lot number 1039608								