

Analytical Data Sheet

Lot number

1048443

not for drug use

Catalog Number	B-3610.0001
Product number	4039317.0001
Product	Fmoc- D- Homocys(Trt) - OH
Molecular formula	$C_{38}H_{33}NO_4S$
Relative molecular mass	599.75

Tests	Results								
Appearance	white 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 = 76.0 %</td> <td>C = 76.3 %</td> </tr> <tr> <td>H = 5.9 %</td> <td>H = 6.0 %</td> </tr> <tr> <td>N = 2.3 %</td> <td>N = 2.3 %</td> </tr> </table> <p>calc. x 0.17 MTBE (4.41 %) x 0.025 hexane (1.04 %)</p>	Theory	Found	C = 76.0 %	C = 76.3 %	H = 5.9 %	H = 6.0 %	N = 2.3 %	N = 2.3 %
Theory	Found								
C = 76.0 %	C = 76.3 %								
H = 5.9 %	H = 6.0 %								
N = 2.3 %	N = 2.3 %								
Identification (TLC)	complies with authentic material								
Purity (HPLC)	98.9% (TFA, 260 nm)								
Purity (TLC)	> 98%								
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/ethylacetate/acetic acid 50/50/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Residual organic solvents (GC)	2.5% tert. Butylmethylether 1.1% hexane								
Latest update: May 30, 2013									