

Analytical Data Sheet

Lot number **1000002264**
not for drug use

Retest date N/A
 Catalog number **B-3760.5000**
 Product number **4038236.5000**
 Product **Fmoc- Cys((RS) - 2, 3- di(palmitoyloxy) - propyl) - OH**
 Molecular formula $C_{53}H_{83}NO_8S$
 Relative molecular mass 894.31

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 = 71.2%</td> <td>C = 71.1%</td> </tr> <tr> <td>H = 9.4%</td> <td>H = 9.2%</td> </tr> <tr> <td>N = 1.6%</td> <td>N = 1.6%</td> </tr> </table>	Theory	Found	C = 71.2%	C = 71.1%	H = 9.4%	H = 9.2%	N = 1.6%	N = 1.6%
Theory	Found								
C = 71.2%	C = 71.1%								
H = 9.4%	H = 9.2%								
N = 1.6%	N = 1.6%								
Identification (TLC)	Rf value in agreement with authentic material								
Purity (HPLC)	99.23%(TFA)								
Purity (TLC)	> 99%								
TLC conditions	toluene/dioxane/acetic acid 95/25/4 chloroform/ethylacetate/acetic acid 50/50/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB								
Assay (titration)	103.5%(TBAH)								
Water content (KF coulometric)	< 0.49%(LOQ)								
Acetic acid content (IC)	0.003%								

Latest update: July 04, 2018

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