

# Analytical Data Sheet

Lot number

## 0539615

not for drug use

<b>Catalog Number</b>	<b>B-2630.0001</b>
<b>Product number</b>	<b>4026001.0001</b>
<b>Product</b>	<b>Fmoc- Cys(2- hydroxyethyl) - OH</b>
<b>Molecular formula</b>	$C_{20}H_{21}NO_5S$
<b>Relative molecular mass</b>	387.46

Tests	Results								
<b>Appearance</b>	White powder								
<b>Appearance of solution</b>	Clear, colorless solution (50 mg/ml in dioxane)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 62.00 %</td> <td>C = 61.84 %</td> </tr> <tr> <td>H = 5.46 %</td> <td>H = 5.40 %</td> </tr> <tr> <td>N = 3.62 %</td> <td>N = 3.60 %</td> </tr> </table>	Theory	Found	C = 62.00 %	C = 61.84 %	H = 5.46 %	H = 5.40 %	N = 3.62 %	N = 3.60 %
Theory	Found								
C = 62.00 %	C = 61.84 %								
H = 5.46 %	H = 5.40 %								
N = 3.62 %	N = 3.60 %								
<b>Identification (TLC)</b>	Complies with authentic material								
<b>Purity (HPLC)</b>	98.5% (TFA, 260 nm)								
<b>Purity (TLC)</b>	> 98%								
<b>TLC conditions</b>	Chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 Chloroform/methanol/acetic acid(98-100%)/H <sub>2</sub> O 45/13/1/2 Plate: silicagel 60 F <sub>254</sub> Detected by: UV, ninhydrin, TMB								
Latest update: October 25, 2008									

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