

# Analytical Data Sheet

Lot number

## 1018542

not for drug use

<b>Catalog Number</b>	<b>B-2910.0001</b>
<b>Product number</b>	<b>4026422.0001</b>
<b>Product</b>	<b>Fmoc-Tyr(PO<sub>3</sub>(MDPSE)<sub>2</sub>) - OH</b>
<b>Molecular formula</b>	<b>C<sub>54</sub>H<sub>54</sub>NO<sub>8</sub>PSi<sub>2</sub></b>
<b>Relative molecular mass</b>	<b>932.17</b>

Tests	Results								
<b>Appearance</b>	white powder								
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in THF)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 69.58 %</td> <td>C = 69.62 %</td> </tr> <tr> <td>H = 5.84 %</td> <td>H = 6.04 %</td> </tr> <tr> <td>N = 1.50 %</td> <td>N = 1.47 %</td> </tr> </table>	Theory	Found	C = 69.58 %	C = 69.62 %	H = 5.84 %	H = 6.04 %	N = 1.50 %	N = 1.47 %
Theory	Found								
C = 69.58 %	C = 69.62 %								
H = 5.84 %	H = 6.04 %								
N = 1.50 %	N = 1.47 %								
<b>Identification (TLC)</b>	complies with authentic material								
<b>Melting point</b>	127 ° C								
<b>Purity (HPLC)</b>	97.6 % (TFA)								
<b>Purity (TLC)</b>	> 97%								
<b>TLC conditions</b>	chloroform/ethylacetate/acetic acid 50/50/2 toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine								
<b>Assay (elemental analysis)</b>	100.1 % (Cth 69.58%, Cfd 69.62%)								
Latest update: October 24, 2008									