

## Analytical Data Sheet

Lot number **1000009845**  
not for drug use

Catalog number **B-2910.0005**  
Product number **4026422.0005**  
Product **Fmoc- Tyr(PO<sub>3</sub>(MDPSE)<sub>2</sub>) - OH**  
Molecular formula **C<sub>54</sub>H<sub>54</sub>NO<sub>8</sub>PSi<sub>2</sub>**  
Relative molecular mass **932.17**

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in THF)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><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></tbody></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 %								
Identification (TLC)	complies with authentic material								
Melting point	127° C								
Purity (HPLC)	97.6% (TFA)								
Purity (TLC)	> 97%								
TLC conditions	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								
Assay (elemental analysis)	100.1% (Cth 69.58%, Cfd 69.62%)								

Latest update: December 11, 2018

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