

Analytical Data Sheet

Lot number **1073953**
not for drug use

Catalog number **B-1990.0005**
Product number **4017013.0005**
Product **Fmoc- Tyr(PO₃Me₂) - OH**
Molecular formula **C₂₆H₂₆NO₈P**
Relative molecular mass **511.47**

Tests	Results								
Appearance	white product								
Appearance of solution	clear, colorless solution (50 mg/ml in acetone)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 61.06 %</td><td>C = 61.21 %</td></tr><tr><td>H = 5.12 %</td><td>H = 5.18 %</td></tr><tr><td>N = 2.74 %</td><td>N = 2.73 %</td></tr></tbody></table>	Theory	Found	C = 61.06 %	C = 61.21 %	H = 5.12 %	H = 5.18 %	N = 2.74 %	N = 2.73 %
Theory	Found								
C = 61.06 %	C = 61.21 %								
H = 5.12 %	H = 5.18 %								
N = 2.74 %	N = 2.73 %								
Identification (TLC)	complies with authentic material								
Melting point	103 °C								
Purity (HPLC)	98.5% (TFA, 260 nm)								
Purity (TLC)	≥ 98%								
TLC conditions	chloroform/methanol/benzene/H ₂ O 8/8/8/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/10/3/4 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, chlorine-tolidine								

Latest update: November 08, 2017

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