

Analytical Data Sheet

Lot number **1073369**
not for drug use

Catalog number **B-1175.0005**
Product number **4011852.0005**
Product **Fmoc- Pro- OPfp**
Molecular formula $C_{26}H_{18}F_5NO_4$
Relative molecular mass 503.43

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in acetone)
Identification (elemental analysis)	Theory Found C = 62.0% C = 61.7% H = 3.6% H = 3.6% N = 2.8% N = 2.7%
Identification (TLC)	Complies with authentic material
Melting point	129.5 °C
Specific optical rotation	$[\alpha]_D^{24} = -60.7^\circ$ (1 % in chloroform)
Purity (HPLC)	99.9% (TFA)
Purity (TLC)	> 99%
TLC conditions	Ethylacetate/hexane 4/5 Chloroform/ethylacetate 9/1 Chloroform/ethylacetate/acetic acid 50/50/2 Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine

Latest update: September 13, 2017

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