

Analytical Data Sheet

Lot number **1067511**
not for drug use

Catalog number **B-1195.0001**
Product number **4011861.0001**
Product **Fmoc- Tyr(tBu) - OPfp**
Molecular formula $C_{34}H_{28}F_5NO_5$
Relative molecular mass 625.59

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in dioxane)
Identification (elemental analysis)	Theory Found C = 65.3 % C = 65.4 % H = 4.5 % H = 4.4 % N = 2.2 % N = 2.2 %
Identification (TLC)	conforms with authentic material
Melting point	104 °C
Purity (HPLC)	98.6% (TFA)
Purity (TLC)	decomposes on TLC plate
TLC conditions	chloroform/methanol/acetic acid 80/3/1 ethylacetate/hexane 4/5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	100.2% (Cth 65.28 %, Cfd 65.44 %)

Latest update: September 01, 2016

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