

Analytical Data Sheet

Lot number **1076280**
not for drug use

Catalog number **B-2085.0001**
Product number **4017650.0001**
Product **Fmoc- D- Tyr- OH**
Molecular formula $C_{24}H_{21}NO_5$
Relative molecular mass 403.43

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in dioxane)
Identification (TLC)	complies with authentic material
Melting point	183° C
Purity (HPLC)	98.8% (TFA)
Purity (TLC)	99%
TLC conditions	chloroform/methanol/benzene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Enantiomer content (GC)	< 0.1% L-Enantiomer
Assay (titration)	96.0% (TBAH)
Water content (KF volumetric)	0.1%

Latest update: April 17, 2018

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