

Analytical Data Sheet

Lot number **1064674**
not for drug use

Catalog number **B-2590.0001**
Product number **4025483.0001**
Product **Fmoc- DL- Isoleu- OH**
Molecular formula $C_{18}H_{17}NO_5$
Relative molecular mass 327.34

Tests	Results
Appearance	White powder
Appearance of solution	clear, colorless solution (50 mg/ml in dioxane)
Identification (TLC)	Complies with authentic material
Melting point	158 °C
Purity (HPLC)	98.1% TFA, 260 nm
Purity (TLC)	> 99%
TLC conditions	Chloroform/methanol/toluene/H ₂ O 8/8/8/1 Chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 Chloroform/methanol/acetic acid(98-100%)/H ₂ O 45/13/1/2 Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.6% (Cth 66.1 %, Cfd 65.8 %)

Latest update: March 07, 2016

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