

Analytical Data Sheet

Lot number **1000016571**
not for drug use

Catalog number **B-2590.0005**
Product number **4025483.0005**
Product **Fmoc- DL- Isoser- 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: May 23, 2019

Analytical Data Sheet
Lot number **1000016571**