

Analytical Data Sheet

Lot number **1000012335**
not for drug use

Catalog number **B-2250.0005**
Product number **4019724.0005**
Product **Fmoc- Homocit- OH**
Molecular formula $C_{22}H_{25}N_3O_5$
Relative molecular mass 411.46

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in 90% tetrahydrofuran)
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.6% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Enantiomer content (chiral chromatography)	< 0.1% D-enantiomer
Assay (titration)	99.2% (TBAH)
Water content (KF volumetric)	0.2%

Latest update: February 18, 2019

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