

Analytical Data Sheet

Lot number **1000000228**
not for drug use

Catalog number **B-2805.0005**
Product number **4027660.0005**
Product **Fmoc- His(3- Bom) - OH**
Fmoc- His(3- Bom) - OH
Molecular formula $C_{29}H_{27}N_3O_5$
Relative molecular mass 497.55

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (20 mg/ml in dioxane)
Identification (TLC)	conforms with authentic material
Purity (HPLC)	99.8% (TFA)
Purity (TLC)	> 99%
TLC conditions	ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 chloroform/methanol/acetic acid/H ₂ O 85/13/0.5/1.5 plate: silicagel 60 F ₂₅₄ detected by: UV, chlorine-tolidine
Assay (elemental analysis)	99.6% (Cth 70.01 %, Cfd 69.73 %)

Latest update: May 14, 2018

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