

Analytical Data Sheet

Lot number **1000029289**
not for drug use

Catalog number **B-2600.0005**
Product number **4013285.0005**
Product **Fmoc- His- OH**
Molecular formula $C_{21}H_{19}N_3O_4$
Relative molecular mass 377.40

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in acetic acid 80%)
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.8% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H ₂ O 4/2/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Water content (KF volumetric)	0.3%

Latest update: March 10, 2020

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