

Analytical Data Sheet

Lot number **1068828**
not for drug use

Catalog number **B-1575.0001**
Product number **4011756.0001**
Product **Fmoc- D- His(Fmoc) - OH**
Molecular formula $C_{36}H_{29}N_3O_6$
Relative molecular mass 599.64

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (10 % in DMF)
Identification (TLC)	complies with authentic material
Melting point	152 °C
Specific optical rotation	$[\alpha]_D^{24} = -11.4^\circ$ (1 % in dioxane)
TLC conditions	chloroform/methanol/benzene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 77.5/15/7.5 ethylacetate/pyridine/acetic acid/H ₂ O 60/10/3/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Water content (KF volumetric)	0.6%

Latest update: November 22, 2016

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