

Analytical Data Sheet

Lot number **1068822**
not for drug use

Catalog number **E-2740.0001**
Product number **4012233.0001**
Product **H- Orn(Fmoc) - OH**
Molecular formula $C_{20}H_{22}N_2O_4$
Relative molecular mass 354.41

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (25 mg/mL in formic acid 80%)
Identification (TLC)	complies with authentic material
Melting point	158 °C
Purity (HPLC)	> 98% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (titration)	100.0% (HClO ₄)

Latest update: November 22, 2016

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