

Analytical Data Sheet

Lot number **1075151**
not for drug use

Catalog number **B-2435.0001**
Product number **4025248.0001**
Product **Fmoc- Gln(1- adamantyl) - OH**
Molecular formula $C_{30}H_{34}N_2O_5$
Relative molecular mass 502.61

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in dioxane)
Identification (elemental analysis)	Theory Found C = 71.2 % C = 70.8 % H = 6.9 % H = 6.8 % N = 5.5 % N = 5.5 % calc. x 0.2 H ₂ O (0.6 %)
Identification (TLC)	complies with authentic material
Melting point	164 °C
Purity (HPLC)	99.6% (TFA, 260 nm)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/benzene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 benzene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Water content (KF volumetric)	0.7%

Latest update: January 16, 2018

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