

Analytical Data Sheet

Lot number **1000022168**
not for drug use

Catalog number **B-1945.0025**
Product number **4016412.0025**
Product **Fmoc- Nva- OH**
Molecular formula $C_{20}H_{21}NO_4$
Relative molecular mass 339.39

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in dioxane)
Identification (elemental analysis)	Theory Found C = 70.8 % C = 70.5 % H = 6.2 % H = 6.3 % N = 4.1 % N = 4.1 %
Identification (TLC)	complies with authentic material
Melting point	155 °C
Purity (HPLC)	99.5% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Enantiomer content (GC)	< 0.1% D-Enantiomer
Assay (elemental analysis)	99.6% (Cth 70.78 %, Cfd 70.49 %)
Water content (KF volumetric)	0.2%

Latest update: September 20, 2019

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