

Analytical Data Sheet

Lot number **1064492**
not for drug use

Catalog number **B-2175.0001**
Product number **4018284.0001**
Product **Fmoc- Asp- ODmb**
Molecular formula $C_{28}H_{27}NO_8$
Relative molecular mass 505.52

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in ethylacetate)
Identification (TLC)	conforms with authentic material
Melting point	65 °C
Purity (HPLC)	99.4% (TFA)
Purity (TLC)	> 98%
TLC conditions	toluene/dioxane/acetic acid 95/25/4 chloroform/ethylacetate/acetic acid 50/50/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (titration)	92.4% (TBAH)
Water content (KF volumetric)	0.8%
Residual organic solvents (GC)	7.8% isopropanol 0.1% diisopropylether

Latest update: March 02, 2016

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