

Analytical Data Sheet

Lot number **1000025527**
not for drug use

Catalog number **B-3625.0001**
Product number **4040147.0001**
Product **Fmoc- N- Me- Trp(Boc) - OH**
Molecular formula $C_{32}H_{32}N_2O_6$
Relative molecular mass 540.62

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in dioxane) clear,colorless solution (0.5 mmol/mL in DMF)
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.5% (TFA)
Related impurities (HPLC)	not det.Fmoc-N-Me-Trp(Boc)-N-Me-Trp(Boc)-OH not det.Fmoc-N-Me-Trp-OH
Related impurities (TLC)	< 0.1% N-Me-Trp(Boc)-OH
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 chloroform/ethylacetate/acetic acid 50/50/2 toluene/dioxane/acetic acid, 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (titration)	98.5% (TBAH)
Water content (KF volumetric)	0.6%
Acetic acid content (IC)	0.001%

Latest update: December 03, 2019

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