

Analytical Data Sheet

Lot number **1056077**
not for drug use

Catalog number **A-2615.0250**
Product number **4016628.0250**
Product **Boc- Pro- Pro- Pro- Pro- OH**
Molecular formula $C_{25}H_{38}N_4O_7$
Relative molecular mass 506.60

Tests	Results
Appearance	slightly yellowish powder
Appearance of solution	slightly hazy solution (50 mg/ml in methanol)
Identification (ESI-MS)	m = 506.6u
Identification (TLC)	complies with authentic material
Purity (TLC)	> 97%
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid 32% 15/4/1 plate: silicagel 60 F ₂₅₄ detected by: UV, chlorine-tolidine, TMB
Assay (elemental analysis)	94.1% (Nth 11.06 %, Nfd 10.41 %)
Water content (KF volumetric)	0.3%
Residual organic solvents (GC)	4.7% ethylacetate 0.4% toluene