

Analytical Data Sheet

Lot number **1000006757**
not for drug use

Catalog number **B-3130.0001**
Product number **4026267.0001**
Product **Fmoc- Homoarg(Pmc) - OH**
Molecular formula $C_{36}H_{44}N_4O_7S$
Relative molecular mass 676.83

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)
Identification (TLC)	conforms with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -6.5^\circ$ (1 % DMF)
Purity (HPLC)	99.2% (TFA)
Purity (TLC)	> 99%
Related impurities (TLC)	< 0.2% H-Homoarg(Pmc)-OH
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid/H ₂ O 85/13/0.5/1.5 chloroform/methanol/acetic acid 85/10/5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (titration)	89.1% (TBAH)
Water content (KF volumetric)	0.9%

Latest update: September 27, 2018

Analytical Data Sheet
Lot number **1000006757**