

Analytical Data Sheet

Lot number **1065582**
not for drug use

Catalog number **B-4010.1000**
Product number **4043408.1000**
Product **Fmoc- Arg(Me) (Pbf) - OH**
Molecular formula $C_{35}H_{42}N_4O_7S$
Relative molecular mass 662.81

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (5 mg/mL in methanol)
Identification (TLC)	complies with authentic material
Melting point	100 °C
Purity (HPLC)	99.3% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 85/10/5 chloroform/methanol/acetic acid/H ₂ O 90/10/0.5/1 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, IRH
Enantiomer content (GC)	0.7% D-enantiomer
Assay (titration)	91.0% (TBAH)
Water content (KF volumetric)	0.4%

Latest update: April 28, 2016

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