

## Analytical Data Sheet

Lot number **1000013415**  
not for drug use

Catalog number **B-2490.0005**  
Product number **4019722.0005**  
Product **Fmoc- Asp- OFm**  
Molecular formula  $C_{33}H_{27}NO_6$   
Relative molecular mass 533.58

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
Melting point	203 °C
Purity (HPLC)	98.5% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 90/8/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Enantiomer content (chiral chromatography)	< 0.1% D-enantiomer
Assay (titration)	96.4% (TBAH)
Water content (KF volumetric)	0.1%

Latest update: March 13, 2019

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