

## Analytical Data Sheet

Lot number **1000009766**  
not for drug use

Catalog number **B-2565.0250**  
Product number **4025797.0250**  
Product **Fmoc- Ser(GalNAc(Ac)<sub>3</sub>- α- D) - OH**  
Molecular formula  $C_{32}H_{36}N_2O_{13}$   
Relative molecular mass 656.64

Tests	Results
Appearance	off-white powder
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)
Identification (ESI-MS)	m = 656.1% (average mass)
Identification (TLC)	complies with authentic material
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	85.5% (Nth 4.27 %, Nfd 3.65 %)
Water content (KF volumetric)	0.4%
Residual organic solvents (GC)	7.2% diisopropylether 0.1% chloroform 8.4% dioxane

Latest update: December 11, 2018

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