

Analytical Data Sheet

Lot number **1066466**
not for drug use

Catalog number **B-2565.0100**
Product number **4025797.0100**
Product **Fmoc- Ser(GalNAc(Ac)₃- 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 ₂₅₄ 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: June 21, 2016

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