

Analytical Data Sheet

Lot number

1020873

not for drug use

Catalog Number	B-1700.0001
Product number	4012039.0001
Product	Fmoc- Gln(Tmob) - OH
Molecular formula	C ₃₀ H ₃₂ N ₂ O ₈
Relative molecular mass	548.59

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (5 % in DMF)
Identification (TLC)	complies with authentic material
Melting point	167 °C
Specific optical rotation	$[\alpha]_D^{24} = +22.3^\circ$ (1 % in CHCl ₃)
Purity (HPLC)	> 99%
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/benzene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 benzene/dioxane/acetic acid 95/25/4 ethylacetate/pyridine/acetic acid/H ₂ O 60/10/3/4 plate: silicagel 60 F ₂₅₄ detected by: UV, Pauly
Latest update: December 01, 2008	Analytical Data Sheet Lot number 1020873