

Analytical Data Sheet

Lot number

0506146

not for drug use

Catalog Number	B-1585
Product number	4011842
Product	Fmoc-D- Gln- OH
Molecular formula	$C_{20}H_{20}N_2O_5$
Relative molecular mass	368.39

Tests	Results	
Appearance	white powder	
Appearance of solution	clear, colorless solution (50 mg/ml in DMF)	
Identification (TLC)	complies with authentic material	
Melting point	220 °C	
Specific optical rotation	[α] _D ²⁴ = + 17.6 ° (1 % in DMF)	
Purity (HPLC)	98.7% (TFA, 260 nm)	
Purity (TLC)	> 99%	
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine	
Latest update: October 25, 2008		Analytical Data Sheet Lot number 0506146