

Analytical Data Sheet

Lot number

1021457

not for drug use

Catalog Number	A-3170.0001
Product number	4016189.0001
Product	Boc- Gln- Pro- OH
Molecular formula	$C_{15}H_{25}N_3O_6$
Relative molecular mass	343.38

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (5 % in methanol)
Melting point	178 °C
Specific optical rotation	$[\alpha]_D^{24} = -69.0^\circ$ (1 % in methanol)
Purity (HPLC)	99.8% (TEAP) 99.0% (TFA) 99.9% (NaClO ₄)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/60/12/36 plate: silicagel 60 F ₂₅₄ detected by: ninhydrin, chlorine-tolidine
Latest update: January 08, 2009	Analytical Data Sheet Lot number 1021457