

Analytical Data Sheet

Lot number

1069132

not for drug use

Catalog number	F-4295.0250
Product number	4080618.0250
Product	H- D- Glu(OtBu) - NH ₂ · HCl
Molecular formula	C ₉ H ₁₈ N ₂ O ₃ · HCl
Relative molecular mass	238.71

Tests	Results
Appearance	white powder
Appearance of solution	clear, colourless solution
Identification (TLC)	complies with authentic material
Melting point	211 °C
Specific optical rotation	$[\alpha]_D^{25} = -15.4^\circ$ (1% in methanol)
Purity (TLC)	> 99.5%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11
Enantiomer content (chiral chromatography)	< 0.1% L-enantiomer
Water content (KF volumetric)	0.1%
Chloride content (titration)	14.7% (0.1m AgNO ₃)

Latest update: December 20, 2016

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