

Analytical Data Sheet

Lot number	1000037912 not for drug use
Catalog number	E-1900.0025
Product	H-Glu(OtBu)-OtBu · HCl
Product number	4000156.0025
Molecular formula (net)	C ₁₃ H ₂₅ NO ₄ · HCl
Molecular mass (average)	295.8

Tests	Results
Components	
Appearance	
Appearance	complies [white to off-white powder]
Appearance of solution	
Appearance of solution	complies [clear, colorless solution in methanol (50 mg/mL)]
Identification (TLC)	
R _f value	complies [complies]
Melting point	
Melting point	119°C
Specific optical rotation	
[α] _D ²⁴ (as is)	+22.4 (°)·mL/(dm·g)
Purity and related impurities (TLC)	
Purity	> 99%
H-Glu-OtBu · HCl	< 0.2%
H-Glu(OtBu)-OH	< 0.2%
Enantiomer content (GC)	
D-enantiomer	< 0.1%
SOL Assay (elemental analysis)	
Assay (EA, as is)	100.3%
Water content (Karl Fischer volumetric)	
Water content	0.20%

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Catalog number	E-1900.0025
Product	H-Glu(OtBu)-OtBu · HCl

Tests	Results
Components	
Assay (titration)	
Assay (titration, net)	100.5%

SOL Analysis performed by Solvias AG, Römerpark 2, 4303 Kaiseraugst, AG, Switzerland

This Analytical Data Sheet is based on reviewed analytical data and is valid without handwritten signatures.

Date created: September 17, 2020