

Analytical Data Sheet

Lot number

1025920

not for drug use

Catalog Number	E-3585.0005
Product number	4029296.0005
Product	H- Glu(OtBu) - allyl ester · HCl
Molecular formula	C₁₂H₂₁NO₄ · HCl
Relative molecular mass	279.76

Tests	Results								
Appearance	off-white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 50.7 %</td> <td>C = 50.7 %</td> </tr> <tr> <td>H = 8.0 %</td> <td>H = 7.8 %</td> </tr> <tr> <td>N = 4.9 %</td> <td>N = 4.8 %</td> </tr> </table> <p>calc. as x 1.0 HCl (12.8%) x 0.25 H₂O (1.6%)</p>	Theory	Found	C = 50.7 %	C = 50.7 %	H = 8.0 %	H = 7.8 %	N = 4.9 %	N = 4.8 %
Theory	Found								
C = 50.7 %	C = 50.7 %								
H = 8.0 %	H = 7.8 %								
N = 4.9 %	N = 4.8 %								
Identification (TLC)	complies with authentic material								
Purity (TLC)	≥ 99%								
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 85/10/5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Assay (elemental analysis)	85.5% (Cth 59.24 %, Cfd 50.65 %)								
Chloride content (titration)	12.4%								
Latest update: August 20, 2009	Analytical Data Sheet Lot number 1025920								