

Analytical Data Sheet

Lot number

1014713

not for drug use

Catalog Number	E-3315.0025
Product number	4026615.0025
Product	H- Hyp(Bzl) – OMe · HCl
Molecular formula	C₁₃H₁₇NO₃ · HCl
Relative molecular mass	271.74

Tests	Results								
Appearance	white crystals								
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 57.5 %</td> <td>C = 57.2 %</td> </tr> <tr> <td>H = 6.7 %</td> <td>H = 6.7 %</td> </tr> <tr> <td>N = 5.2 %</td> <td>N = 5.2 %</td> </tr> </table> <p>calc. as HCl</p>	Theory	Found	C = 57.5 %	C = 57.2 %	H = 6.7 %	H = 6.7 %	N = 5.2 %	N = 5.2 %
Theory	Found								
C = 57.5 %	C = 57.2 %								
H = 6.7 %	H = 6.7 %								
N = 5.2 %	N = 5.2 %								
Identification (TLC)	complies with authentic material								
Melting point	138 ° C								
TLC conditions	chloroform/methanol/benzene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine–tolidine								
Chloride content (titration)	13.1 % (AgNO ₃)								
Latest update: October 24, 2008									