

Analytical Data Sheet

Lot number

1041283

not for drug use

Catalog Number	E-1975.0025
Product number	4000179.0025
Product	H- Gly- OBzl · p- tosylate
Molecular formula	C ₉ H ₁₁ NO ₂ · C ₇ H ₈ O ₃ S
Relative molecular mass	337.40

Tests	Results								
Appearance	white powder								
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 = 57.0%</td> <td>C = 56.7%</td> </tr> <tr> <td>H = 5.7%</td> <td>H = 5.9%</td> </tr> <tr> <td>N = 4.2%</td> <td>N = 4.1%</td> </tr> </table>	Theory	Found	C = 57.0%	C = 56.7%	H = 5.7%	H = 5.9%	N = 4.2%	N = 4.1%
Theory	Found								
C = 57.0%	C = 56.7%								
H = 5.7%	H = 5.9%								
N = 4.2%	N = 4.1%								
Identification (TLC)	complies with authentic material								
Melting point	134.2 °C								
Purity (TLC)	> 99%								
Related impurities (TLC)	< 0.2% H-Gly-OH								
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 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, TMB								
Assay (elemental analysis)	99.6% (Cth 56.96%, Cfd 56.73%)								
Latest update: February 29, 2012									