

Analytical Data Sheet

Lot number

1048628

not for drug use

Catalog Number	K-1190.0001
Product number	4000748.0001
Product	Z- Gly- Pro- βNA
Molecular formula	$C_{25}H_{25}N_3O_4$
Relative molecular mass	431.49

Tests	Results								
Appearance	white product								
Appearance of solution	clear, colorless solution (20 mg/ml in MeOH)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 69.59 %</td> <td>C = 69.30 %</td> </tr> <tr> <td>H = 5.84 %</td> <td>H = 5.73 %</td> </tr> <tr> <td>N = 9.74 %</td> <td>N = 9.70 %</td> </tr> </table>	Theory	Found	C = 69.59 %	C = 69.30 %	H = 5.84 %	H = 5.73 %	N = 9.74 %	N = 9.70 %
Theory	Found								
C = 69.59 %	C = 69.30 %								
H = 5.84 %	H = 5.73 %								
N = 9.74 %	N = 9.70 %								
Melting point	141 °C								
Purity (TLC)	> 99%								
Related impurities (TLC)	< 0.1% βNA								
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/acetic acid 77.5/15/7.5 plate: silicagel 60 F ₂₅₄ detected by: UV, chlorine-tolidine								
Latest update: June 17, 2013									

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