

Analytical Data Sheet

Lot number

1018990

not for drug use

Catalog Number	E-1065.0001
Product number	4000250.0001
Product	Ac- Gly- ONp
Molecular formula	$C_{10}H_{10}N_2O_5$
Relative molecular mass	238.20

Tests	Results								
Appearance	white powder, slightly yellowish								
Appearance of solution	clear, yellowish solution (50 mg/ml in dioxane)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 50.42 %</td> <td>C = 50.48 %</td> </tr> <tr> <td>H = 4.23 %</td> <td>H = 4.34 %</td> </tr> <tr> <td>N = 11.76 %</td> <td>N = 11.76 %</td> </tr> </table>	Theory	Found	C = 50.42 %	C = 50.48 %	H = 4.23 %	H = 4.34 %	N = 11.76 %	N = 11.76 %
Theory	Found								
C = 50.42 %	C = 50.48 %								
H = 4.23 %	H = 4.34 %								
N = 11.76 %	N = 11.76 %								
Identification (TLC)	conforms with authentic material								
Melting point	131 °C								
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/ethylacetate/acetic acid 50/50/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Assay (elemental analysis)	100.0% (Nth 11.76 %, Nfd 11.76 %)								
Latest update: November 14, 2008									

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