

Analytical Data Sheet

Lot number

1023212

not for drug use

Catalog Number	F-2010.0100
Product number	4031152.0100
Product	H- Phg- OH
Molecular formula	C ₈ H ₉ NO ₂
Relative molecular mass	151.17

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (10 mg/ml in 1N HCl)								
Identification (ESI-MS)	m = 151.0u (average mass)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 63.6 %</td> <td>C = 63.8 %</td> </tr> <tr> <td>H = 6.0 %</td> <td>H = 6.4 %</td> </tr> <tr> <td>N = 9.3 %</td> <td>N = 9.3 %</td> </tr> </table>	Theory	Found	C = 63.6 %	C = 63.8 %	H = 6.0 %	H = 6.4 %	N = 9.3 %	N = 9.3 %
Theory	Found								
C = 63.6 %	C = 63.8 %								
H = 6.0 %	H = 6.4 %								
N = 9.3 %	N = 9.3 %								
Identification (TLC)	complies with authentic material								
Specific optical rotation	$[\alpha]_D^{24} = +156.7^\circ$ (1 % in 1N HCl)								
Purity (TLC)	> 99%								
Related impurities (TLC)	not detected (Glycine)								
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Enantiomer content (GC)	0.4% D-Isomer								

Latest update: April 03, 2009

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