

Analytical Data Sheet

Lot number

1018331

not for drug use

Catalog Number	F-3835.0005
Product number	4028880.0005
Product	H- Phg- NH ₂ · HCl
Molecular formula	C ₈ H ₁₀ N ₂ O · HCl
Relative molecular mass	186.64

Tests	Results								
Appearance	white crystalline powder								
Appearance of solution	clear, colorless solution (50 mg/ml in methanol 50%)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 51.5 %</td> <td>C = 51.1 %</td> </tr> <tr> <td>H = 5.9 %</td> <td>H = 5.9 %</td> </tr> <tr> <td>N = 15.0 %</td> <td>N = 14.9 %</td> </tr> </table>	Theory	Found	C = 51.5 %	C = 51.1 %	H = 5.9 %	H = 5.9 %	N = 15.0 %	N = 14.9 %
Theory	Found								
C = 51.5 %	C = 51.1 %								
H = 5.9 %	H = 5.9 %								
N = 15.0 %	N = 14.9 %								
Specific optical rotation	$[\alpha]_D^{24} = +101.4^\circ$ (1% in H ₂ O)								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB								
Enantiomer content (GC)	< 0.1% D-Enantiomer								
Chloride content (titration)	19.0% (AgNO ₃)								
Latest update: October 24, 2008									