

Analytical Data Sheet

Lot number

0566997

not for drug use

Catalog Number	F-1610.0025
Product number	4005372.0025
Product	H- Homophe- OH
Molecular formula	C₁₀H₁₃NO₂
Relative molecular mass	179.22

Tests	Results									
Appearance	white powder									
Appearance of solution	clear, colorless solution (5 mg/ml in formic acid 50 %)									
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 67.02 %</td> <td>C = 66.56 %</td> </tr> <tr> <td>H = 7.31 %</td> <td>H = 7.40 %</td> </tr> <tr> <td>N = 7.82 %</td> <td>N = 7.89 %</td> </tr> </table>	Theory	Found	C = 67.02 %	C = 66.56 %	H = 7.31 %	H = 7.40 %	N = 7.82 %	N = 7.89 %	
Theory	Found									
C = 67.02 %	C = 66.56 %									
H = 7.31 %	H = 7.40 %									
N = 7.82 %	N = 7.89 %									
Identification (TLC)	complies with authentic material									
Specific optical rotation	[α] _D ²⁴ = + 44.0 ° (1 % in 1N HCl)									
Purity (TLC)	> 99%									
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 methanol/chloroform/ammonia 17% 2/2/1 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine									
Enantiomer content (GC)	0.3% D-Enantiomer									
Latest update: October 25, 2008		Analytical Data Sheet Lot number 0566997								