

Analytical Data Sheet

Lot number

1018960

not for drug use

Catalog Number	E-1230.0025
Product number	4000401.0025
Product	Ac- Trp- OMe
Molecular formula	$C_{14}H_{16}N_2O_3$
Relative molecular mass	260.29

Tests	Results									
Appearance	white powder									
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)									
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 64.60 %</td> <td>C = 64.82 %</td> </tr> <tr> <td>H = 6.20 %</td> <td>H = 6.22 %</td> </tr> <tr> <td>N = 10.76 %</td> <td>N = 10.83 %</td> </tr> </table>	Theory	Found	C = 64.60 %	C = 64.82 %	H = 6.20 %	H = 6.22 %	N = 10.76 %	N = 10.83 %	
Theory	Found									
C = 64.60 %	C = 64.82 %									
H = 6.20 %	H = 6.22 %									
N = 10.76 %	N = 10.83 %									
Identification (TLC)	conforms with authentic material									
Melting point	155 °C									
Purity (TLC)	> 99%									
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 90/10/0.5/1 chloroform/methanol/acetic acid 90/8/2 chloroform/methanol 95/5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine									
Latest update: October 24, 2008		Analytical Data Sheet Lot number 1018960								