

# Analytical Data Sheet

Lot number

## 1042129

not for drug use

<b>Catalog Number</b>	<b>E-2200.0005</b>
<b>Product number</b>	<b>4012062.0005</b>
<b>Product</b>	<b>N- Me- Val- OBzl · p- tosylate</b>
<b>Molecular formula</b>	$C_{13}H_{19}NO_2 \cdot C_7H_8O_3S$
<b>Relative molecular mass</b>	393.50

Tests	Results								
<b>Appearance</b>	white powder								
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in methanol)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 61.05 %</td> <td>C = 61.00 %</td> </tr> <tr> <td>H = 6.92 %</td> <td>H = 6.90 %</td> </tr> <tr> <td>N = 3.56 %</td> <td>N = 3.70 %</td> </tr> </table>	Theory	Found	C = 61.05 %	C = 61.00 %	H = 6.92 %	H = 6.90 %	N = 3.56 %	N = 3.70 %
Theory	Found								
C = 61.05 %	C = 61.00 %								
H = 6.92 %	H = 6.90 %								
N = 3.56 %	N = 3.70 %								
<b>Identification (TLC)</b>	complies with authentic material								
<b>Melting point</b>	120 °C								
<b>Specific optical rotation</b>	$[\alpha]_{365}^{24} = -17.3^\circ$ (1 % in methanol)								
<b>Purity (TLC)</b>	> 99%								
<b>TLC conditions</b>	chloroform/methanol 9/1 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/10/3/4 chloroform/methanol/acetic acid 85/10/5 plate: silicagel 60 F <sub>254</sub> detected by: ninhydrin, chlorine-tolidine								
Latest update: April 18, 2012									