

# Analytical Data Sheet

Lot number

**1050721**

not for drug use

<b>Catalog Number</b>	G-2755.0001
<b>Product number</b>	4015624.0001
<b>Product</b>	H- Met- Ile- OH
<b>Molecular formula</b>	C <sub>11</sub> H <sub>22</sub> N <sub>2</sub> O <sub>3</sub> S
<b>Relative molecular mass</b>	262.37

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (5 % in AcOH 80 %)
<b>Specific optical rotation</b>	$[\alpha]_D^{24} = +38.9^\circ$ (1 % AcOH 80 %)
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid/H <sub>2</sub> O 70/42/0.5/10 plate: silicagel 60 F <sub>254</sub> detected by: ninhydrin, chlorine-tolidine
Latest update: November 04, 2013	<b>Analytical Data Sheet</b> Lot number <b>1050721</b>