

# Chem-Impex International, Inc.

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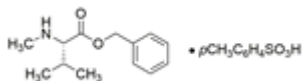
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications



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<b>Catalogue Number</b>	09619
<b>Product</b>	<b>N-Methyl-L-valine benzyl ester 4-</b> N-Me-L-Val-OBzl•TosOH
<b>CAS Number</b>	42492-62-6
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>19</sub> NO <sub>2</sub> ·C <sub>7</sub> H <sub>8</sub> O <sub>3</sub> S
<b>Molecular Weight</b>	393.5
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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear, colorless solution (50 mg/mL in Methanol)
<b>Melting Point</b>	119 - 121 °C
<b>Elemental Analysis (Theory)</b>	C = 61.00 ± 0.5%; H = 6.90 ± 0.5%; N = 3.70 ± 0.5%
<b>TLC System</b>	Chloroform/Methanol (9:1) Ethyl acetate/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
<b>Optical Rotation</b>	[α] <sub>365</sub> <sup>24</sup> = -17 ± 2 ° (C=1 in MeOH)
<b>Purity by TLC</b>	≥ 99%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**