

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	47362
<b>Product</b>	<b>N-Methyl-(S)-valine benzyl ester</b> Benzyl (2S)-3-methyl-2-(methylamino)butanoate
<b>CAS Number</b>	81135-38-8
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>19</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	221.30

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<b>Appearance</b>	Light yellowish oil
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -5.0 ± 0.5 ° (C=1 in CHCl <sub>3</sub> )
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	≥ 99.5% (ee)
<b>Other Enantiomer</b>	≤ 0.5%
<b>Purity by HPLC</b>	≥ 99.5%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**