

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	41325
<b>Product</b>	<b>Methyl (S)-(-)-3-bromo-2-methylpropionate</b> Methyl (S)-(-)- $\beta$ -bromoisobutyrate Methyl (S)-(-)-3-Bromoisobutyrate
<b>CAS Number</b>	98190-85-3
<b>Molecular Formula</b>	C <sub>5</sub> H <sub>9</sub> BrO <sub>2</sub>
<b>Molecular Weight</b>	181.03

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<b>Appearance</b>	Colorless liquid
<b>Boiling point</b>	97.5 - 98.5 °C / 62 mmHg (Lit.)
<b>Flash Point</b>	73 °C - closed cup
<b>Density</b>	1.422 g/mL at 25 °C (Lit.)
<b>Optical Rotation</b>	$[\alpha]^{20}_D = -23$ to $-16$ ° (C = 5 Neat)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by GC</b>	≥ 97%
<b>Chiral Purity</b>	≥ 99% (ee)
<b>Storage</b>	Store at RT

**For Laboratory Use Only**