

# *Chem-Impex International, Inc.*

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## *Product Specifications*

<b>Catalogue Number</b>	41326
<b>Product</b>	<b>Methyl (R)-(+)-3-bromo-2-methylpropionate</b> Methyl (R)-(+)- $\beta$ -bromoisobutyrate Methyl (R)-(+)-3-Bromoisobutyrate
<b>CAS Number</b>	110556-33-7
<b>Molecular Formula</b>	110556-33-7
<b>Molecular Weight</b>	181.03

---

<b>Appearance</b>	Colorless liquid
<b>Boiling point</b>	85 °C / 37 mmHg (Lit.)
<b>Flash Point</b>	73 °C - closed cup
<b>Density</b>	1.422 g/mL at 25 °C (Lit.)
<b>Refractive Index</b>	$n_D^{20}$ 1.455 (Lit.)
<b>Optical Rotation</b>	$[\alpha]_D^{20} = 16 \pm 1^\circ$ (C = Neat)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by GC</b>	$\geq 96.5\%$
<b>Chiral Purity</b>	$\geq 98.5\%$ (ee)
<b>Storage</b>	Store at RT

**For Laboratory Use Only**