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Product Specifications

Catalogue Number	41327
Product	Methyl (R)-(-)-3-hydroxy-2-methylpropionate (-)-Methyl D- β -hydroxyisobutyrate (R)-(-)-3-Hydroxy-2-methylpropionic acid methyl ester
CAS Number	72657-23-9
Molecular Formula	C ₅ H ₁₀ O ₃
Molecular Weight	118.13

Appearance	Colorless liquid
Boiling point	76 - 77 °C / 12 mmHg (Lit.)
Flash Point	80 °C - closed cup
Density	1.066 g/mL at 25 °C (Lit.)
Refractive Index	n ²⁰ _D 1.425 (Lit.)
Optical Rotation	[α] ²⁰ _D = -29 to -23 ° (C=4 in MeOH)
¹H NMR	Conforms to Structure
Purity by GC	≥ 99%
Chiral Purity	≥ 99% (ee)
Storage	Store at RT

For Laboratory Use Only