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Product Specifications

Catalogue Number	39412
Product	Methyl (S)-(+)-3-hydroxybutyrate (S)-(+)-3-Hydroxybutyric acid methyl ester
CAS Number	53562-86-0
Molecular Formula	C ₅ H ₁₀ O ₃
Molecular Weight	118.13

Appearance	Colorless clear liquid
Solubility	Soluble in water
Boiling point	76 °C / 21 mmHg
Flash Point	73 °C
Density	1.06 g/mL
Refractive Index	$n_{20D} = 1.42$
Optical Rotation	$[\alpha]_{20D} = 21 - 24^\circ$ (neat)
Infrared Spectrum	Conforms to structure
¹H NMR	Conforms to structure
Purity by GC	≥ 98%
Storage	Store at RT

For Laboratory Use Only