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Product Specifications

Catalogue Number	39413
Product	Ethyl (<i>R</i>)-(-)-4-cyano-3-hydroxybutyrate (<i>R</i>)-(-)-4-Cyano-3-hydroxybutyric acid ethyl ester
CAS Number	141942-85-0
Molecular Formula	C ₇ H ₁₁ NO ₃
Molecular Weight	157.17

Appearance	Colorless, slightly yellow or orange clear liquid
Boiling point	270 °C
Density	1.12 g/mL
Refractive Index	$n_{20D} = 1.45$
Optical Rotation	$[\alpha]_{20D} = -31$ to -37 ° (C=1 in CHCl ₃)
Infrared Spectrum	Conforms to structure
¹H NMR	Conforms to structure
Purity by GC	≥ 97%
Storage	Store at 2 - 8 °C

For Laboratory Use Only