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Product Specifications

Catalogue Number	39578
Product	(S)-(+)-1,2-Propanediol (S)-(+)-1,2-Dihydroxypropane (S)-(+)-Propylene glycol
CAS Number	4254-15-3
Molecular Formula	C ₃ H ₈ O ₂
Molecular Weight	76.1

Warnings	<i>Hygroscopic! Store under inert gas!</i>
Appearance	Colorless, slightly yellow or orange clear liquid
Solubility	Water solubility - 10g in 100 mL
Boiling point	92 °C / 15 mmHg
Flash Point	107 °C
Density	1.04 g/mL
Refractive Index	$n_{20D} = 1.43$
Optical Rotation	$[\alpha]_{20D} = 16.5^\circ$ (neat)
Infrared Spectrum	Conforms to structure
¹H NMR	Conforms to structure
Purity by GC	≥ 98%
Storage	Store at RT

For Laboratory Use Only