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Product Specifications

Catalogue Number	39581
Product	(S)-(+)-1,3-Butanediol (S)-(+)-1,3-Butylene glycol (S)-(+)-1,3-dihydroxybutane
CAS Number	24621-61-2
Molecular Formula	C ₄ H ₁₀ O ₂
Molecular Weight	90.12

Warnings	<i>Hygroscopic! Store under inert gas!</i>
Appearance	Colorless or slightly yellow clear liquid
Boiling point	109 °C / 14 mmHg
Flash Point	122 °C
Density	1.01 g/mL
Refractive Index	$n_{20D} = 1.44$
Optical Rotation	$[\alpha]_{20D} = 29 - 31^\circ$ (C=1 in EtOH)
Infrared Spectrum	Conforms to structure
¹H NMR	Conforms to structure
Purity by GC	≥ 98%
Storage	Store at RT

For Laboratory Use Only