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Product Specifications

Catalogue Number	41451
Product	(S)-(+)-Dihydro-5-(hydroxymethyl)-2(3H)- (S)- γ -Hydroxymethyl- γ -butyrolactone (S)-4,5-Dihydro-5-hydroxymethyl-2(3H)-furanone
CAS Number	32780-06-6
Molecular Formula	C ₅ H ₈ O ₃
Molecular Weight	116.12

Appearance	Colorless to clear liquid
Boiling point	110 - 115 °C / 0.2 mmHg (Lit.)
Flash Point	113 °C
Density	1.23 g/mL at 25 °C (Lit.)
Refractive Index	n_D^{20} 1.47 (Lit.)
Optical Rotation	$[\alpha]_{20/D} = 56^\circ$ (C = 3 in Chloroform)
Purity	$\geq 95\%$
Chiral Purity	$\geq 98\%$ (ee)
Storage	Store at 2 - 8 °C

For Laboratory Use Only