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Product Specifications

Catalogue Number	41449
Product	(S)-(-)-5-Hydroxymethyl-2(5H)-furanone
CAS Number	78508-96-0
Molecular Formula	C ₅ H ₆ O ₃
Molecular Weight	114.1

Warnings	<i>Hygroscopic! Store under Nitrogen!</i>
Appearance	White to pale yellow solid
Solubility	Slightly soluble in water
Melting Point	41 - 43 °C (Lit.)
Flash Point	113 °C
Optical Rotation	[α] ₂₀ /D = -144 ° (C = 1 in H ₂ O)
Infrared Spectrum	Conforms to structure
Purity by HPLC	≥ 97.5%
Storage	Store at 2 - 8 °C

For Laboratory Use Only