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Product Specifications

Catalogue Number	40889
Product	(1R,2R)-(-)-1,2-Cyclohexanediamine (1R)-(-)-trans-1,2-Diaminocyclohexane
CAS Number	20439-47-8
Molecular Formula	C ₆ H ₁₄ N ₂
Molecular Weight	114.19

Warnings	<i>Light sensitive! Air sensitive! Hygroscopic! Store under inert gas!</i>
Appearance	White or colorless to light yellow to light orange powder to lump to clear liquid
Solubility	Soluble in methanol
Melting Point	43 °C (Lit.)
Boiling point	193 °C (Lit.)
Optical Rotation	[α] _D ²⁰ = -26 to -25 ° (C = 5 in 1mol/L HCl)
¹H NMR	Conforms to structure
Assay by titration	≥ 98%
Purity by GC	≥ 98%
Chiral Purity	≥ 98% (ee)
Storage	Store at 2 - 8 °C

For Laboratory Use Only