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Product Specifications

Catalogue Number	39577
Product	(2R,4R)-(-)-2,4-Pentanediol (2R,4R)-(-)-2,4-Dihydroxypentan
CAS Number	42075-32-1
Molecular Formula	C ₅ H ₁₂ O ₂
Molecular Weight	104.15

Warnings	<i>Hygroscopic! Store under inert gas!</i>
Appearance	White or off-white crystalline powder
Solubility	Almost clear solution in ethanol
Melting Point	44 - 50 °C
Optical Rotation	[α] _{20D} = -53.5 ° (C=10 in EtOH)
Infrared Spectrum	Conforms to structure
¹H NMR	Conforms to structure
Purity by GC	≥ 98%
Storage	Store at 2 - 8 °C

For Laboratory Use Only