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Product Specifications

Catalogue Number	39528
Product	(R)-3,3,3-Trifluoro-2-hydroxy-2- (R)-2-Hydroxy-2-(trifluoromethyl)propionic acid (R)-3,3,3-Trifluoro-2-hydroxyisobutyric acid
CAS Number	44864-47-3
Molecular Formula	C ₄ H ₅ F ₃ O ₃
Molecular Weight	158.08

Warnings	<i>Heat sensitive!</i>
Appearance	White or off-white crystalline powder
Solubility	Almost clear solution in water
Melting Point	108 - 112 °C
Optical Rotation	[α] _{20D} = 16 - 17 ° (C=5 in H ₂ O)
Assay by titration	≥ 98% (Neutralization titration)
Purity by GC	≥ 98%
Storage	Store at 2 - 8 °C

For Laboratory Use Only