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Product Specifications

Catalogue Number	37504
Product	(S)-(+)-α-Methoxy-α-(trifluoromethyl) (S)-(+)-MTPA-Cl Mosher's acid chloride
CAS Number	20445-33-4
Molecular Formula	C ₁₀ H ₈ ClF ₃ O ₂
Molecular Weight	252.62

Warnings	<i>Moisture sensitive, Heat sensitive!</i>
Appearance	Colorless to almost colorless clear liquid
Boiling point	99 °C / 12 mmHg
Flash Point	89 °C
Density	1.35
Refractive Index	1.47
Optical Rotation	[α] ²⁰ _D = 149 \pm 2 ° (C=2, Toluene)
Assay by titration	\geq 99%
Purity by GC	\geq 99%
Chiral Purity	\geq 99% (ee)
Storage	Store at 0 - 10 °C

For Laboratory Use Only