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Product Specifications

Catalogue Number	41619
Product	(S)-Styrene oxide (S)-1,2-Epoxyethylbenzene (S)-Phenylethylene oxide
CAS Number	20780-54-5
Molecular Formula	C ₈ H ₈ O
Molecular Weight	120.15

Synonym 3	(S)-Phenyloxirane
Appearance	Colorless to light yellow to light orange clear liquid
Boiling point	89 °C / 19 mmHg (Lit.)
Flash Point	77 °C
Density	1.05 g/mL
Refractive Index	n ²⁰ _D 1.54
Optical Rotation	[α] _{20D} = -34 ° (neat)
Infrared Spectrum	Conforms to structure
¹H NMR	Conforms to structure
Purity by GC	≥ 98%
Chiral Purity	≥ 98% (ee)
Storage	Store at RT

For Laboratory Use Only