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Product Specifications

Catalogue Number	39603
Product	Dimethyl (+)-2,3-<i>O</i>-isopropylidene-D-tartrate Dimethyl (4 <i>S</i> ,5 <i>S</i>)-2,2-Dimethyl-1,3-dioxolane-4,5-dicarboxylate (4 <i>S</i> ,5 <i>S</i>)-2,2-Dimethyl-1,3-dioxolane-4,5-dicarboxylic acid dimethyl
CAS Number	37031-30-4
Molecular Formula	C ₉ H ₁₄ O ₆
Molecular Weight	218.21

Warnings	<i>Moisture sensitive! Store under inert gas!</i>
Synonym 3	(+)-2,3- <i>O</i> -Isopropylidene-D-tartaric acid dimethyl ester
Appearance	White, yellow or green clear liquid
Flash Point	135 °C
Density	1.19 g/mL
Refractive Index	$n_{20D} = 1.44$
Optical Rotation	$[\alpha]_{20D} = 54^\circ$ (neat)
Infrared Spectrum	Conforms to structure
¹H NMR	Conforms to structure
Purity by GC	≥ 95%
Storage	Store at RT

For Laboratory Use Only