

SPECIFICATION

D-Camphorsulfonic Acid

Parameters	Specification
CAS Number	3144-16-9
Appearance	White crystalline solid
Molecular Formula	C10H16O4S
Molecular Weight	232.30 g/mol
Boiling Point	320 °C
Melting Point	150 °C
Flash Point	170 °C
Purity	98–99%
Refractive Index	1.56
Solubility	Soluble in water; soluble in alcohols and acetone
Uses	Used as a chiral auxiliary and acid catalyst in asymmetric synthesis; commonly employed as a resolving agent and in esterification reactions



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