

SPECIFICATION

D-Mandelic Acid

Parameters	Specification
CAS Number	611-71-2
Appearance	White crystalline solid
Molecular Formula	C ₈ H ₈ O ₃
Molecular Weight	152.15 g/mol
Boiling Point	210 °C
Melting Point	98 °C
Flash Point	180 °C
Purity	98–99%
Refractive Index	1.540
Solubility	Soluble in water and ethanol
Uses	Chiral building block for asymmetric synthesis; intermediate in organic synthesis; cosmetic ingredient