

SPECIFICATION

Imidazole

Parameters	Specification
CAS Number	288-32-4
Appearance	White crystalline solid
Molecular Formula	C ₃ H ₄ N ₂
Molecular Weight	68.08 g/mol
Boiling Point	256 °C
Melting Point	90 °C
Flash Point	170 °C
Purity	98–99%
Refractive Index	1.62
Solubility	Soluble in water; soluble in ethanol and acetone
Uses	Buffering agent in biochemical applications; ligand in coordination chemistry; intermediate in pharmaceutical synthesis; used in peptide purification as His-tag buffer



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