

SPECIFICATION

Trifluoroacetic Acid

Parameters	Specification
CAS Number	76-05-1
Appearance	Colorless liquid
Molecular Formula	C ₂ HF ₃ O ₂
Molecular Weight	114.02 g/mol
Boiling Point	72.4 °C
Melting Point	-15.9 °C
Flash Point	39.0 °C
Purity	99-99.9%
Refractive Index	1.385
Solubility	Miscible with water; soluble in organic solvents
Uses	Solvent and reagent in organic synthesis; widely used for Boc deprotection, peptide synthesis, and as an acid catalyst

+91-9227788155 | +91-9227788115 | +91-9227070667 | +91-260-6618618

info@triveniinterchem.com | info@trivenichemical.com

www.triveniinterchem.com | www.trivenichemical.com

135, Pancharatna, Char Rasta, G.I.D.C., Vapi-396195, Gujarat, India



www.chemicalbull.com

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