

SPECIFICATION

Tert-Butyldimethylsilyl Chloride

Parameters	Specification
CAS Number	18162-48-6
Appearance	Colorless liquid
Molecular Formula	C ₆ H ₁₅ ClSi
Molecular Weight	150.72 g/mol
Boiling Point	114 °C
Melting Point	-48 °C
Flash Point	25 °C
Purity	98–99%
Refractive Index	1.41
Solubility	Soluble in organic solvents; insoluble in water
Uses	Silyl protecting group for alcohols; forms TBDMS ethers in organic synthesis

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