

SPECIFICATION

Pyridine-3-Sulfonyl Chloride

Parameters	Specification
CAS Number	16133-25-8
Appearance	White crystalline solid
Molecular Formula	C ₅ H ₄ ClNO ₂ S
Molecular Weight	177.61 g/mol
Boiling Point	210 °C
Melting Point	66 °C
Flash Point	120 °C
Purity	98–99%
Refractive Index	1.56
Solubility	Soluble in organic solvents (e.g., dichloromethane, chloroform); insoluble in water
Uses	Sulfonylating agent used to introduce the pyridin-3-sulfonyl group; intermediate for pharmaceutical and agrochemical synthesis