

SPECIFICATION

N,N-Diisopropylcarbodiimide

Parameters	Specification
CAS Number	693-13-0
Appearance	Colorless to pale yellow liquid
Molecular Formula	C ₇ H ₁₄ N ₂
Molecular Weight	126.20 g/mol
Boiling Point	68 °C
Melting Point	-40 °C
Flash Point	-4 °C
Purity	98–99%
Refractive Index	1.462
Solubility	Soluble in dichloromethane, chloroform, and diethyl ether; practically insoluble in water
Uses	Coupling reagent used in peptide synthesis and amide bond formation; activation of carboxylic acids