

SPECIFICATION

Dibenzylphosphoryl Chloride

Parameters	Specification
CAS Number	538-37-4
Appearance	Colorless liquid
Molecular Formula	C ₁₄ H ₁₄ ClO ₃ P
Molecular Weight	296.69 g/mol
Boiling Point	270 °C
Melting Point	-40 °C
Flash Point	120 °C
Purity	98–99%
Refractive Index	1.53
Solubility	Soluble in non-polar organic solvents (e.g., dichloromethane, chloroform); insoluble in water
Uses	Phosphorylating reagent for organic synthesis; intermediate in chemical synthesis

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