SPECIFICATION

Phenyllithium

Parameters	Specification
CAS Number	591-51-5
Appearance	Colorless to pale yellow clear solution
Molecular Formula	C6H5Li
Molecular Weight	84.04 g/mol
Boiling Point	116 °C
Melting Point	-64 °C
Flash Point	-15 °C
Purity	98–99%
Refractive Index	1.408
Solubility	Insoluble in water; soluble in diethyl ether and hexane
Uses	Reagent for lithiation and synthesis of organolithium intermediates; formation of alkanes and alcohols after quenching with carbonyl compounds