

## SPECIFICATION

### Lithium Diisopropylamide

Parameters	Specification
CAS Number	4111-54-0
Appearance	White to off-white powder
Molecular Formula	C <sub>6</sub> H <sub>14</sub> LiN
Molecular Weight	107.13 g/mol
Boiling Point	240 °C
Melting Point	125 °C
Flash Point	-20 °C
Purity	98–99%
Refractive Index	1.42
Solubility	Soluble in THF and diethyl ether; insoluble in water
Uses	Preparation of enolates via deprotonation; strong non-nucleophilic base in organic synthesis

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