

SPECIFICATION

Lithium Bis(Trimethylsilyl)Amide

Parameters	Specification
CAS Number	4039-32-1
Appearance	White crystalline powder
Molecular Formula	C ₆ H ₁₉ LiNSi ₂
Molecular Weight	167.33 g/mol
Boiling Point	200 °C
Melting Point	160 °C
Flash Point	200 °C
Purity	98–99%
Refractive Index	1.42
Solubility	Soluble in THF and diethyl ether; insoluble in water.
Uses	Strong, non-nucleophilic base used for deprotonation and metalation in organic synthesis; moisture sensitive.

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