

LiB

L I T H I U M B O R O H Y D R I D E

Lithium borohydride is an effective chemo selective reducing agent especially for esters, epoxides, lactones, primary amides in the presence of nitro groups, carbamic acids, alkyl halides and secondary/tertiary amides. This compound offers advantages over other reducing agents such as sodium borohydride due to its high solubility in ethers, stronger reducing power while safer to handle than lithium aluminum hydride. Epoxides are reduced by LiBH_4 , while carboxylic acids, carboxylic acid salts, tertiary amides, nitriles, nitro compounds, alkenes, and halogeno derivatives do not usually react.



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APPLICATIONS



SPECS

- ✓ Purity: 99.9%
- ✓ Molecular Formula: LiBH₄
- ✓ Molecular Weight: 21.78 g/mol
- ✓ Color: White Crystalline powder
- ✓ Density: 0.896 g/mL (7.48 lb/gal) @20°C
- ✓ Melting Point: 268 °C
- ✓ Boiling Point: 380 °C

All types of particles size are available in micro and nano range.

CATALOGUE NO.

- NS6130-02-268



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