

# lithium tetrahydroborate

Inchi:	InChI=1S/BH4.Li/h1H4;/q-1;+1
InchiKey:	UUKMSDRCXNLYOO-UHFFFAOYSA-N
Formula:	BH4Li
SMILES:	[BH4-].[Li+]
Mol. weight [g/mol]:	21.78
CAS:	16949-15-8

## Physical Properties

Property code	Value	Unit	Source
hfus	8.18	kJ/mol	Above room temperature heat capacity and phase transition of lithium tetrahydroborate

## Sources

Above room temperature heat capacity and phase transition of lithium tetrahydroborate: <https://www.doi.org/10.1016/j.tca.2011.02.043>  
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C16949158&Units=SI>

## Legend

**hfus:** Enthalpy of fusion at standard conditions

Latest version available from:

<https://www.cheméo.com/cid/75-691-2/lithium-tetrahydroborate.pdf>

Generated by Cheméo on 2025-12-06 04:22:12.641442762 +0000 UTC m=+4743130.171483422.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.