

lithium tetrahydroborate

Inchi:	InChI=1S/BH4.Li/h1H4;/q-1;+1
InchiKey:	UUKMSDRXCXNLYOO-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

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

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