

# lithium hydride

Inchi:	InChI=1S/Li.H
InchiKey:	SIAPCJWMELPYOE-UHFFFAOYSA-N
Formula:	HLi
SMILES:	[LiH]
Mol. weight [g/mol]:	7.95
CAS:	7580-67-8

## Physical Properties

Property code	Value	Unit	Source
affp	1021.70	kJ/mol	NIST Webbook
basg	996.40	kJ/mol	NIST Webbook
ea	0.34 ± 0.01	eV	NIST Webbook
ie	7.90 ± 0.30	eV	NIST Webbook

## Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C7580678&Units=SI>

## Legend

<b>affp:</b>	Proton affinity
<b>basg:</b>	Gas basicity
<b>ea:</b>	Electron affinity
<b>ie:</b>	Ionization energy

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