

lithium bromide

Inchi:	InChI=1S/BrH.Li/h1H;/q;+1/p-1
InchiKey:	AMXOYNBUYSYVKV-UHFFFAOYSA-M
Formula:	BrLi
SMILES:	[Li]Br
Mol. weight [g/mol]:	86.84
CAS:	7550-35-8

Physical Properties

Property code	Value	Unit	Source
affp	819.00	kJ/mol	NIST Webbook
basg	792.50	kJ/mol	NIST Webbook
ea	0.66 ± 0.04	eV	NIST Webbook
ie	8.70	eV	NIST Webbook
ie	9.40	eV	NIST Webbook
ie	9.43 ± 0.05	eV	NIST Webbook
ie	10.00	eV	NIST Webbook
ie	9.30	eV	NIST Webbook
tf	824.00	K	An anion effect on the separation of AgI-containing melts using sound waves

Correlations

Information	Value
Property code	pvap
Equation	$\ln(P_{vp}) = A + B/(T + C)$
Coeff. A	1.54385e+01
Coeff. B	-1.59969e+04
Coeff. C	-1.04720e+02
Temperature range (K), min.	1021.15
Temperature range (K), max.	1583.15

