nickel dibromide

Other names:	nickel bromide
	nickel(II) bromide
Inchi:	InChI=1S/2BrH.Ni/h2*1H;/q;;+2/p-2
InchiKey:	IPLJNQFXJUCRNH-UHFFFAOYSA-L
Formula:	Br2Ni
SMILES:	[Br-].[Br-].[Ni+2]
Mol. weight [g/mol]:	218.50
CAS:	13462-88-9

Physical Properties

Property code	Value	Unit	Source
hsub	226.00 ± 1.00	kJ/mol	NIST Webbook
ie	10.30	eV	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hsubt	207.00 ± 4.00	kJ/mol	841.50	NIST Webbook

Sources

Thermochemistry of adducts of some bivalent transition metal bromides with 4-chloroaniline:	https://www.doi.org/10.1016/j.tca.2006.05.022
Thermochemistry of adducts of some bivalent transition metal bromides with pyridine:	https://www.doi.org/10.1016/j.tca.2007.01.034
Thermochemistry of adducts of some bivalent transition metal bromides with quinoline:	https://www.doi.org/10.1016/j.tca.2007.11.018
Thermodynamic Properties of Inorganic Salts in Nonaqueous Solvents. V. Apparent Molar Volumes and Compressibilities of Divalent Transition Metal Bromides in N,N-Dimethylformamide:	https://www.doi.org/10.1021/je8001877
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C13462889&Units=SI
Thermochemistry of adducts of some bivalent transition metal bromides with triphenylphosphine:	https://www.doi.org/10.1016/j.tca.2005.06.016

Legend

hsub:	Enthalpy of sublimation at standard conditions
hsubt:	Enthalpy of sublimation at a given temperature
ie:	Ionization energy