

cobalt dibromide

Other names:	cobalt(II) bromide
Inchi:	InChI=1S/2BrH.Co/h2*1H;/q;;+2/p-2
InchiKey:	BZRRQSJJPUGBAA-UHFFFAOYSA-L
Formula:	Br2Co
SMILES:	[Br-].[Br-].[Co+2]
Mol. weight [g/mol]:	218.74
CAS:	7789-43-7

Physical Properties

Property code	Value	Unit	Source
hsub	216.00 ± 1.00	kJ/mol	NIST Webbook
ie	9.90	eV	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hsubt	207.00 ± 4.00	kJ/mol	837.50	NIST Webbook

Sources

Thermochemistry of adducts of some bivalent transition metal bromides with the monoamine N,N-dimethylformamide	https://www.doi.org/10.1016/j.tca.2005.06.016
Thermochemistry of adducts of some bivalent transition metal bromides with the monoamine N,N-dimethylformamide	https://www.doi.org/10.1016/j.tca.2006.05.022
Thermochemistry of adducts of some bivalent transition metal bromides with the monoamine N,N-dimethylformamide	https://www.doi.org/10.1016/j.tca.2007.01.034
Thermochemistry of adducts of some bivalent transition metal bromides with the monoamine N,N-dimethylformamide	https://www.doi.org/10.1016/j.tca.2007.11.018
Thermodynamic Properties of Inorganic Salts in Nonaqueous Solvents. The monoamine N,N-dimethylformamide	https://www.doi.org/10.1021/je7001946
Thermodynamic Properties of Inorganic Salts in Nonaqueous Solvents. The monoamine N,N-dimethylformamide	https://www.doi.org/10.1021/je8001877
Thermodynamic Properties of Inorganic Salts in Nonaqueous Solvents. The monoamine N,N-dimethylformamide	http://webbook.nist.gov/cgi/cbook.cgi?ID=C7789437&Units=SI

Legend

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

Latest version available from:

<https://www.cheméo.com/cid/71-000-2/cobalt-dibromide.pdf>

Generated by Cheméo on 2024-07-18 05:16:29.481995206 +0000 UTC m=+506004.677965589.

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