

Manganese bromide

Other names:	manganese dibromide manganese(II) bromide
Inchi:	InChI=1S/2BrH.Mn/h2*1H;/q;;+2/p-2
InchiKey:	RJYMRRJVDRJMJW-UHFFFAOYSA-L
Formula:	Br2Mn
SMILES:	[Br-].[Br-].[Mn+2]
Mol. weight [g/mol]:	214.75

Physical Properties

Property code	Value	Unit	Source
ie	10.30	eV	NIST Webbook

Sources

Cheméo Relay (1.0):

Thermochemistry of adducts of some bivalent transition metal bromides with trimethylphosphine	https://www.doi.org/10.1016/j.tca.2005.06.016
Thermochemistry of adducts of some bivalent transition metal bromides with trimethylphosphine	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 with Chlorides in Acetonitrile	https://www.doi.org/10.1021/je8001877
Thermodynamic Properties of Inorganic Salts in Nonaqueous Solvents. IV. Apparent Molar Volumes and Compressibilities of Divalent Transition-Metal Bromides and Chlorides in Acetonitrile	https://www.doi.org/10.1016/j.tca.2005.11.026
Thermodynamic Properties of Inorganic Salts in Nonaqueous Solvents. IV. Apparent Molar Volumes and Compressibilities of Divalent Transition-Metal Bromides and Chlorides in Acetonitrile	https://www.doi.org/10.1021/je7001946
Thermodynamic Properties of Inorganic Salts in Nonaqueous Solvents. IV. Apparent Molar Volumes and Compressibilities of Divalent Transition-Metal Bromides and Chlorides in Acetonitrile	http://webbook.nist.gov/cgi/cbook.cgi?ID=C13446032&Units=SI
Thermochemistry of adducts of some bivalent transition metal bromides with trimethylphosphine	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

Legend

ie: Ionization energy

Latest version available from:

<https://www.chemeo.com/cid/32-930-3/Manganese-bromide.pdf>

Generated by Cheméo on 2026-08-02 17:17:10.615651439 +0000 UTC m=+2241.089456607.

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