

Magnesium, bis(«eta»5-2,4-cyclopentadien-1-yl)-

Other names:	Dicyclopentadienyl magnesium
	Bis(cyclopentadienyl)magnesium
	Magnesocene
	wm
Inchi:	InChI=1S/2C5H5.Mg/c2*1-2-4-5-3-1;/h2*1-5H;
InchiKey:	USZGMDQWECZTIQ-UHFFFAOYSA-N
Formula:	C10H10Mg
SMILES:	[CH]1C=CC=C1.[CH]1C=CC=C1.[Mg]
Mol. weight [g/mol]:	154.49
CAS:	1284-72-6

Physical Properties

Property code	Value	Unit	Source
hf	137.50 ± 4.40	kJ/mol	NIST Webbook
hf	145.20 ± 3.30	kJ/mol	NIST Webbook
hfs	69.30 ± 4.20	kJ/mol	NIST Webbook
hfs	77.00 ± 3.00	kJ/mol	NIST Webbook
hsub	68.20 ± 1.30	kJ/mol	NIST Webbook
hsub	68.20 ± 1.30	kJ/mol	NIST Webbook
ie	8.00 ± 0.10	eV	NIST Webbook
ie	8.11	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C1284726&Units=SI>

Legend

hf:	Enthalpy of formation at standard conditions
hfs:	Solid phase enthalpy of formation at standard conditions
hsub:	Enthalpy of sublimation at standard conditions

ie: Ionization energy

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