

Bis(benzene)vanadium

Inchi:	InChI=1S/2C6H6.V/c2*1-2-4-6-5-3-1;/h2*1-6H;
InchiKey:	YWTIBPUNCKNKNA-UHFFFAOYSA-N
Formula:	C12H12V
SMILES:	C12C3C4C5C6C1[V]234651789%10C2C1C7C8C9C2%10
Mol. weight [g/mol]:	207.17
CAS:	12129-72-5

Physical Properties

Property code	Value	Unit	Source
chs	-7250.00 ± 15.00	kJ/mol	NIST Webbook
hf	107.00 ± 18.00	kJ/mol	NIST Webbook
hfs	37.00 ± 15.00	kJ/mol	NIST Webbook
hsub	70.00 ± 10.00	kJ/mol	NIST Webbook
ie	6.30 ± 0.10	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C12129725&Units=SI>

Legend

chs:	Standard solid enthalpy of combustion
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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