

Ferrocene, ethyl-

Other names:	Ethylferrocene
Inchi:	InChI=1S/C7H9.C5H5.Fe/c1-2-7-5-3-4-6-7;1-2-4-5-3-1;/h3-6H,2H2,1H3;1-5H;
InchiKey:	XEYMPZDIHJESAH-UHFFFAOYSA-N
Formula:	C12H14Fe
SMILES:	CCC12C3C4C5C1[Fe]45321678C2C1C6C7C28
Mol. weight [g/mol]:	214.09
CAS:	1273-89-8

Physical Properties

Property code	Value	Unit	Source
ie	6.70 ± 0.05	eV	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	12.29	kJ/mol	273.90	NIST Webbook
hvapt	65.10 ± 2.70	kJ/mol	308.50	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C1273898&Units=SI>

Legend

hfust:	Enthalpy of fusion at a given temperature
hvapt:	Enthalpy of vaporization at a given temperature
ie:	Ionization energy

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