Ferrocene, (hydroxymethyl)-

Other names:	Ferrocenemethanol
	(Hydroxymethyl)ferrocene
	Cyclopentadienemethanol, cyclopentadienyliron deriv.
	Ferrocenylcarbinol
	Ferrocenylmethanol
Inchi:	InChI=1S/C6H7O.C5H5.Fe/c7-5-6-3-1-2-4-6;1-2-4-5-3-1;/h1-4,7H,5H2;1-5H;
InchiKey:	QETISSZVCNFQBN-UHFFFAOYSA-N
Formula:	C12H12FeO
SMILES:	OCC1=CC=C[CH]1.[CH]1C=CC=C1.[Fe]
Mol. weight [g/mol]:	228.07
CAS:	1273-86-5

Physical Properties

Property code	Value	Unit	Source
hsub	102.80 ± 0.50	kJ/mol	NIST Webbook
hvap	87.00 ± 0.80	kJ/mol	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	23.82	kJ/mol	351.40	NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C1273865&Units=SI

Legend

hfust: Enthalpy of fusion at a given temperature

hsub: Enthalpy of sublimation at standard conditions

hvap: Enthalpy of vaporization at standard conditions