

# Ferrocene, (hydroxymethyl)-

<b>Other names:</b>	Ferrocenemethanol (Hydroxymethyl)ferrocene Cyclopentadienemethanol, cyclopentadienyliron deriv. Ferrocenylcarbinol Ferrocenylmethanol
<b>Inchi:</b>	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;
<b>InchiKey:</b>	QETISSZVCNFBQN-UHFFFAOYSA-N
<b>Formula:</b>	C12H12FeO
<b>SMILES:</b>	OCC1=CC=C[CH]1.[CH]1C=CC=C1.[Fe]
<b>Mol. weight [g/mol]:</b>	228.07
<b>CAS:</b>	1273-86-5

## Physical Properties

Property code	Value	Unit	Source
hsub	102.80 ± 0.50	kJ/mol	NIST Webbook
h vap	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

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