

# FERROCENE, (HYDROXYMETHYL)-

|                      |                                                                                                                                                   |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Other names:         | Ferrocenemethanol<br>(Hydroxymethyl)ferrocene<br>Cyclopentadienemethanol, cyclopentadienyliron deriv.<br>Ferrocenylcarbinol<br>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:             | C11H12FeO                                                                                                                                         |
| SMILES:              | OC[C]12[CH]3[CH]4[CH]5[CH]1[Fe]45321678[CH]2[CH]1[CH]6[CH]7[CH]28                                                                                 |
| Mol. weight [g/mol]: | 216.06                                                                                                                                            |

## 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>

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

# Legend

|               |                                                 |
|---------------|-------------------------------------------------|
| <b>hfust:</b> | Enthalpy of fusion at a given temperature       |
| <b>hsub:</b>  | Enthalpy of sublimation at standard conditions  |
| <b>hvap:</b>  | Enthalpy of vaporization at standard conditions |

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