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: CC[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]: 214.09

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
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):

Legend

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

Latest version available from:
https://www.chemeo.com/cid/17-735-7/FERROCENE-ETHYL.pdf
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