

N,N-Dimethylaminomethylferrocene

Other names:	(Dimethylaminomethyl)ferrocene Ferrocene, [(dimethylamino)methyl]- Ferrocenemethylamine, N,N-dimethyl- Iron, cyclopentadienyl(((dimethylamino)methyl)cyclopentadienyl)- N,N-Dimethylferrocenylmethylamine
Inchi:	InChI=1S/C8H12N.C5H5.Fe/c1-9(2)7-8-5-3-4-6-8;1-2-4-5-3-1;/h3-6H,7H2,1-2H3;1-5H;
InchiKey:	JJJSTEANRWLZBH-UHFFFAOYSA-N
Formula:	C13H17FeN
SMILES:	CN(C)CC12C3C4C5C1[Fe]45321678C2C1C6C7C28
Mol. weight [g/mol]:	243.13
CAS:	1271-86-9

Physical Properties

Property code	Value	Unit	Source
hvap	73.80 ± 0.40	kJ/mol	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	14.60	kJ/mol	281.50	NIST Webbook
hfust	15.01	kJ/mol	280.90	NIST Webbook
hfust	15.01	kJ/mol	279.90	NIST Webbook
hvapt	66.30 ± 3.90	kJ/mol	307.00	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C1271869&Units=SI>

Legend

hfust:	Enthalpy of fusion at a given temperature
h_{vap}:	Enthalpy of vaporization at standard conditions
h_{vapt}:	Enthalpy of vaporization at a given temperature

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