Ferrocene, formyl-

Other names:	Ferrocenecarboxaldehyde
	Ferrocenealdehyde
	Ferrocenecarbaldehyde
	Formyldicyclopentadienyliron
	Formylferrocene
	Iron, «pi»-cyclopentadienyl(formyl-«pi»-cyclopentadienyl)-
	Ferrocenaldehyde
	Ferrocene carboxyaldehyde
	2-Ferrocenecarboxaldehyde
	Cyclopentadienecarboxaldehyde, cyclopentadienyliron deriv.
	Ferrocenylcarboxaldehyde
	NSC 407052
	Ferrocenecarboxaldehdye
Inchi:	InChI=1S/C6H5O.C5H5.Fe/c7-5-6-3-1-2-4-6;1-2-4-5-3-1;/h1-5H;1-5H;
InchiKey:	UQTCQJVPLIVCAX-UHFFFAOYSA-N
Formula:	C11H10FeO
SMILES:	O=CC1=CC=C[CH]1.[CH]1C=CC=C1.[Fe]
Mol. weight [g/mol]:	214.04
CAS:	12093-10-6

Physical Properties

Property code	Value	Unit	Source
hsub	89.70 ± 5.10	kJ/mol	NIST Webbook
hsub	87.90 ± 3.50	kJ/mol	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	2.50	kJ/mol	397.20	NIST Webbook
hfust	2.76	kJ/mol	209.00	NIST Webbook
hfust	2.05	kJ/mol	396.70	NIST Webbook
hsubt	89.90 ± 5.10	kJ/mol	307.00	NIST Webbook
hsubt	87.30 ± 3.50	kJ/mol	307.00	NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C12093106&Units=SI

Legend

hfust:	Enthalpy of fusion at a given temperature
hsub:	Enthalpy of sublimation at standard conditions
hsubt:	Enthalpy of sublimation at a given temperature