

Iron,methyldicarbonyl-«pi»-cyclopentadienyl

Other names:	Iron,dicarbonyl(«eta»
Inchi:	InChI=1S/C5H5.2CO.CH3.Fe/c1-2-4-5-3-1;2*1-2;;/h1-5H;;;1H3;
InchiKey:	KPMZGIMZIFXNFA-UHFFFAOYSA-N
Formula:	C8H8FeO2
SMILES:	[C-]#[O+].[C-]#[O+].[CH3].[CH]1C=CC=C1.[Fe]
Mol. weight [g/mol]:	191.99
CAS:	12080-06-7

Physical Properties

Property code	Value	Unit	Source
affp	792.00	kJ/mol	NIST Webbook
basg	759.50	kJ/mol	NIST Webbook
ie	7.56 ± 0.10	eV	NIST Webbook
ie	7.91	eV	NIST Webbook
ie	7.79	eV	NIST Webbook
ie	7.65	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C12080067&Units=SI>

Legend

affp:	Proton affinity
basg:	Gas basicity
ie:	Ionization energy

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