

Iron, di-«mu»-carbonyldicarbonylbis(«eta»5-2,4-cyclopentadienyl) (Fe-Fe)

Other names:

Iron, dicarbonyl-«pi»-cyclopentadienyl-, dimer
Bis(«pi»-cyclopentadienyldicarbonyl iron)
Bis(«pi»-cyclopentadienyliron dicarbonyl)
Bis(cyclopentadienyl)dicarbonyliron
Cyclopentadienyldicarbonyliron dimer
Cyclopentadienyliron dicarbonyl dimer
Di-«mu»-carbonyldicarbonyldi-«pi»-cyclopentadienyldiiron
Dicarbonyl-«pi»-cyclopentadienyliron dimer
Dicarbonylcyclopentadienyl iron dimer
Dicyclopentadienyliron dicarbonyl dimer
Iron, di-«mu»-carbonyldicarbonyldi-«pi»-cyclopentadienyldi-, (Fe-Fe)
Tetracarbonylbis(cyclopentadienyl)diiron
Iron, di-«mu»-carbonyldicarbonylbis(«eta»(5)-2,4-cyclopentadien-1-yl)di-,
Di-«pi»-cyclopentadienyl-tetracarbonyl-di-iron
Diiron, bis(cyclopentadienyl)tetracarbonyl-
Iron, dicarbonyl-(«eta»-5-cyclopentadienyl)-, dimer
di-«mu»-carbonyldicarbonylbis(«eta»5-cyclopenta-2,4-dien-1-yl)diiron
InChI=1S/2C5H5.4CO.2Fe/c2*1-2-4-5-3-1;4*1-2;;/h2*1-5H;;;;;
DHLWUDJVLWCWRGH-UHFFFAOYSA-N
C14H10Fe2O4
[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[CH]1C=CC=C1.[CH]1C=CC=C1.[Fe].[Fe]
353.92
12154-95-9

Inchi:

InchiKey:

Formula:

SMILES:

Mol. weight [g/mol]:

CAS:

Physical Properties

Property code	Value	Unit	Source
ie	6.82 ± 0.02	eV	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	30.80	kJ/mol	472.90	NIST Webbook

Sources

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C12154959&Units=SI>

Legend

hfust: Enthalpy of fusion at a given temperature

ie: Ionization energy

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