

Cobalt, dicarbonyl(«eta»5-2,4-cyclopentadien-1-yl)-

Other names:	Cobalt, dicarbonyl-«pi»-cyclopentadienyl- «eta»5-Cyclopentadienylcobalt dicarbonyl «pi»-Cyclopentadienylcobalt dicarbonyl «pi»-Cyclopentadienyldicarbonylcobalt Cyclopentadienylcobalt dicarbonyl Cyclopentadienyldicarbonylcobalt Dicarbonyl(«eta»5-cyclopentadienyl)cobalt Dicarbonyl-«pi»-cyclopentadienyl cobalt Dicarbonylcyclopentadienylcobalt Cobalt cyclopentadienyl dicarbonyl Dicarbonyl(«eta»5-2,4-cyclopentadien-1-yl)cobalt
Inchi:	InChI=1S/C5H5.2CO.Co/c1-2-4-5-3-1;2*1-2;/h1-5H;;;
InchiKey:	HUSLGLMTBHLWKG-UHFFFAOYSA-N
Formula:	C7H5CoO2
SMILES:	[C-]#[O+].[C-]#[O+].[CH]1C=CC=C1.[Co]
Mol. weight [g/mol]:	180.05
CAS:	12078-25-0

Physical Properties

Property code	Value	Unit	Source
ea	0.62 ± 0.10	eV	NIST Webbook
hfs	-169.00 ± 10.00	kJ/mol	NIST Webbook
ie	7.35	eV	NIST Webbook
ie	7.80 ± 0.10	eV	NIST Webbook
ie	8.30 ± 0.20	eV	NIST Webbook
ie	7.59	eV	NIST Webbook
ie	7.51	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C12078250&Units=SI>

Legend

ea:	Electron affinity
hfs:	Solid phase enthalpy of formation at standard conditions
ie:	Ionization energy

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