

(«eta»5-cyclopentadienyl)dicarbonylrhodium

Inchi: InChI=1S/C5H5.2CO.Rh/c1-2-4-5-3-1;2*1-2;/h1-5H;;;
InchiKey: RHRPROVDBYCORH-UHFFFAOYSA-N
Formula: C7H5O2Rh
SMILES: [C-]#[O+].[C-]#[O+].[CH]1C=CC=C1.[Rh]
Mol. weight [g/mol]: 224.02
CAS: 12192-97-1

Physical Properties

Property code	Value	Unit	Source
affp	882.50	kJ/mol	NIST Webbook
basg	851.80	kJ/mol	NIST Webbook
ie	7.32 ± 0.02	eV	NIST Webbook
ie	7.63	eV	NIST Webbook
ie	7.64	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C12192971&Units=SI>

Legend

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

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