

# Marshall University Publications

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( $\eta^5$ -Cyclopentadienyl)tricarbonylmanganese(I) Complexes. \*Kirk, P.N.; Castellani, M.P. *Inorganic Syntheses* **2014**, *36*, 62-63.

Synthesis and X-ray Crystal Structure of  $[(C_5Ph_5)CrCl(\mu-Cl)_2Ti]_2$ : An Example of the Rare M-X-Tl<sup>I</sup> Linkage (X = Halide).

*Organometallics* **2007**, *36*, 4843-4845

1,1'-Diethyl-2,2',3,3',4,4',5,5'-octamethylferrocenium Tetracyanoethylenide,  $[Fe(C_5EtMe_4)_2]^+[TCNE]^-$ , a Charge-Transfer Salt Magnetic Solid with a Novel Structural Motif.

*Inorganica Chimica Acta* **2006**, *359*, 4651-4654

Ion-Pairing Thermodynamics for ( $\eta^5$ -pentadienyl)Fe(CO)<sub>2</sub><sup>-</sup> (Pentadienyl = MeCp, C<sub>5</sub>Me<sub>5</sub>, C<sub>5</sub>Ph<sub>5</sub>, C<sub>9</sub>H<sub>7</sub>) and X-ray Crystal Structure of  $[(\eta^5-C_5Ph_5)Fe(CO)_2][PPN]$ .

*Organometallics* **2002**, *21*, 373-379

Halogen Oxidation Reactions of (C<sub>5</sub>Ph<sub>5</sub>)Cr(CO)<sub>3</sub> and Lewis Base Addition To  $[(C_5Ph_5)Cr(\mu-X)X]_2$ : Electrochemical, Magnetic, and Raman Spectroscopic Characterization of  $[(C_5Ph_5)CrX_2]_2$  and (C<sub>5</sub>Ph<sub>5</sub>)CrX<sub>2</sub>(THF) (X = Cl, Br, I). X-ray Crystal Structure of  $[(C_5Ph_5)Cr(\mu-Cl)Cl]_2$ .

*Organometallics* **2001**, *20*, 734

Steric versus Electronic Control During the Carbonylation of Substituted Thexylboranes. A Semi-Empirical Investigation.

*THEOCHEM* **2000**, *496*, 41

Crystal Structure of Bis(tetraphenylcyclopentadienyl)rhodium(III) Hexafluorophosphate•Chloroform (1/1),  $[(C_5HPh_4)_2Rh]PF_6 \cdot CH_2Cl_2$ .

*Zeitschrift für Kristallographie - New Crystal Structures* **1998**, *213*, 431

EPR Spectra of  $[(Cr(CO)_2L(\eta-C_6Me_6)]^+$ , L = PEt<sub>3</sub>, PPh<sub>3</sub>, P(OEt)<sub>3</sub>, P(OPh)<sub>3</sub>: Analysis of Line Widths and Determination of Ground State Configuration from Interpretation of <sup>31</sup>P Couplings.

*Organometallics* **1997**, *16*, 4369

Substitution Reactions of  $(C_5Ph_5)Cr(CO)_3$ : Structural, Electrochemical, and Spectroscopic Characterization of  $(C_5Ph_5)Cr(CO)_2L$  ( $L = PMe_3, PMe_2Ph, P(OMe)_3$ ).  
*Organometallics* 1996, 15, 4791

Synthesis, Characterization, and Molecular Structure of  $(C_5HPh_4)_2Rh$ .  
*Organometallics* 1995, 14, 1232

Synthesis, Characterization, and Crystal Structure of the  $(\eta^5-C_5Ph_5)Cr(CO)_3$  Radical.  
*Organometallics* 1993, 12, 116

Synthesis, Molecular Structure, and  $^1H$  NMR Analysis of  $(C_5HPh_4)_2Ru$ .  
*Journal of Organometallic Chemistry* 1991, 412, 157

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