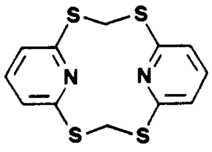
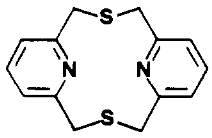


2



3

an important role on the stabilization of the boat–boat conformer, in the present case this conformation is attained by complex formation. Its geometry is characterized by dramatically diminished NCCN torsion angles of ca. 35° as compared to the corresponding NCSC torsion angles of ca. 48° in **2**, and NCCS torsion angles of 112–121° in 2,11-dithia[3.3](2,6)pyridinophane (**3**). Macrocycle **3** was found to exist as the syn chair–chair conformer in the solid state.[3d]

Finally, bond distances and angles of the N_4 ligand in the Cu(II) complex agree well with accepted values. The mean C–C and C–N interatomic distances in the pyridine rings are 1.382 (3) and 1.339 (2) Å, respectively. The mean $C(sp^2)$–$C(sp^3)$ distance is 1.502 (3) Å, and the mean $C(sp^3)$–$N(sp^3)$ distance is 1.475 (3) Å.

Further studies on the structural modification of the N_4 ligand for specific applications are in progress.

Acknowledgment. We wish to thank the Italian Ministry of Education (MPI funds) for partial support of this work.

Supplementary Material Available: Tables SI–SVIII, listing coordinates and isotropic thermal parameters for hydrogen atoms, bond distances and angles, bond distances and angles involving H atoms, least-squares planes, torsion angles, and anisotropic thermal parameters for $CuCl_2(\mathbf{1})\cdot H_2O$ (15 pages); Table SIX, listing observed and calculated structure factors (26 pages). Ordering information is given on any current masthead page.

Additions and Corrections

1988, Volume 27

Pierre Braunstein,* Claude de Méric de Bellefon, Michel Ries, Jean Fischer, Salah-Eddine Bouaoud, and Daniel Grandjean: Tri- and Tetranuclear Palladium–Cobalt Clusters Containing Bridging $Ph_2PCH_2PPh_2$ (dppm) Ligands. Crystal Structures of $[Pd_2Co_2(\mu_3\text{-}CO)_2(CO)_5(\mu\text{-dppm})_2]$ and $[Pd_2Co(\mu_3\text{-}CO)_2(CO)_2(\mu\text{-dppm})_2][PF_6]$.

Page 1331. The Cambridge Crystallographic Data Centre has drawn our attention to typing errors in bond distances pertaining to the crystal structure of $[Pd_2Co(\mu\text{-}CO)_2(CO)_2(\mu\text{-dppm})_2][PF_6]\cdot C_3H_6O$, i.e. $C_{54}H_{44}CoO_4P_4Pd_2F_6P\cdot C_3H_6O$. In Table I, third column, the distance for Co(1)–C(51) should read 1.92 (7) and that for Pd(1)–C(51) should read 2.40 (4) Å. The same corrections apply to Table S-IX of the supplementary material, in which additionally O(1)–C(51) should read 1.11 (6) Å (the latter value was not published in Table I).—Pierre Braunstein

P. L. Bogdan, M. Sabat, S. A. Sunshine, C. Woodcock, and D. F. Shriver*: Anionic Iron Carbido Carbonyl Clusters with Sulfur Dioxide Ligands.

Pages 1904–1910. For the compound $[PPN]_2[Fe_5(CO)_{13}C(SO_2)]$, the unit cell parameters should be $a = 19.984$ (5) Å, $b = 15.644$ (6) Å, $c = 26.612$ (4) Å, $\alpha = \gamma = 90°$, and $\beta = 109.09$ (2)°. The formula weight should be 1796.614. The bond distances and angles reported in the paper are correct. We thank the Cambridge Crystallographic Data Center for calling this to our attention.—D. F. Shriver, M. Sabat, and P. Bogdan.

W. E. Garwood,* P. Chu, N. Y. Chen, and J. C. Bailar, Jr.: Stability of Synthetic Zeolite ZSM-5 to Dealumination with Chromium(III) Salt Solutions.

Page 4331. In the third paragraph of the Experimental Section, last line, SiO_2/Al_2O_3 ratio 8.1 should be SiO_2/Al_2O_3 ratio 81/1.—W. E. Garwood