(i) Compound **5** has a stereoactive lone pair approximately in the equatorial plane of a trigonal bipyramid, with the axial positions being occupied by an oxygen of the six-membered ring and (the less electronegative) nitrogen of the oxinate. The dihedral angle between the planes O(2)−O(1)−O(3) and O(1)−O(3)−N(1) is 47.2° while that between O(4)−O(5)−O(6) and O(5)−O(6)−N(2) is 43.8° for the two molecules in the asymmetric unit of **5**; these represent a distortion of nearly 11% and 17% respectively from trigonal bipyramidal geometry for the two molecules.

(ii) To our knowledge compound **7** has the shortest N→As donor−acceptor bond (2.04 Å). [The N→As distances in **5**, $MeN(CH_2CH_2O)_2As(Me)(O_2C_6Cl_4)$[4] and $Me_3N-AsCl_3$[12] are 2.60, 2.18 and 2.28 Å respectively.]

(iii) Even after hexacoordination, the As−O bond lengths to the oxygens of the six-membered rings in **7** are surprisingly very close to that for the tetracoordinated compound **5**.

(iv) For **7** and for both the molecules (enantiomers) in the asymmetric unit of **5**, the 1,3,2-dioxarsenane rings are in a chair conformation; this contrasts with the twist−boat conformation observed for $ClAs[OCMe_2CH_2CMe_2O]$[13] and the boat conformations observed for $PhP(OCH_2CMe_2CH_2O)_2$.[7]

Finally it should be mentioned that our route employed here for arsoranes is new and allows flexibility for the synthesis of penta- or hexacoordinated derivatives with rings of different sizes on the arsenic atom.

Acknowledgment. We gratefully acknowledge fundings by the Department of Science and Technology (India). COSIST and Special Assistance programme [UGC, India] are also acknowledged for instrumental facilities. K.C.K. thanks the AvH foundation for support.

Supporting Information Available: Tables of atomic coordinates with equivalent isotropic displacement parameters, anisotropic thermal parameters, and complete of bond lengths and bond angles (6 pages). Ordering information is given on any current masthead page.

IC951621+

(12) Webster, N.; Keats, S. *J. Chem. Soc. A* **1971**, 836.

(13) Nufted, P. V.; Lenstra, A. T. H.; Geise, H. J.; Yuldasheva, L. K.; Chadeva, N. *Acta Crystallogr.* **1982**, *B38*, 3089.

Additions and Corrections

1995, Volume 34

B. Scott Jaynes, Linda H. Doerrer, Shuncheng Liu, and Stephen J. Lippard*: Synthesis, Tuning of the Stereochemistry, and Physical Properties of Cobalt(II) Tropocoronand Complexes.

Pages 5735 and 5737. The *a* and *c* crystallographic axes for [Co(TC-4,5)] should be interchanged, and the space group should be *P*2/*a*. The positional parameters, bond distances and angles, and all discussion are unaffected by this correction.

IC961041S