

# Additions and Corrections

**The Secondary  $\beta$ -Deuterium Isotope Effect and the Cage Effect in the Thermal Decomposition of Azobis- $\alpha$ -phenylethane** [*J. Am. Chem. Soc.*, **88**, 3775 (1966)]. By STANLEY SELTZER\* and EDWIN J. HAMILTON, JR., Chemistry Department, Brookhaven National Laboratory, Upton, New York 11973.

The abscissa of Figure 2 is incorrect and should read  $2[IV]/[III + IV + V]$ . The caption should read: "A plot of the ratio of rate constants vs. twice the ratio of cross-product to the sum of all products for equal concentrations of starting material."

Line 2, left column of p 3780, should read: " $2[IV]/[III + IV + V] = 0.9967$ ."



Ten lines from the bottom of the right column of p 3779 should read: "The variation of the ratio of cross-product to total product as a function of the ratio of first-order rate constants, in the absence of a cage effect, is shown in Figure 2."

**Mass Spectral Rearrangements of Siliconium Ions. Migration of Electronegative Groups from Carbon to Silicon** [*J. Am. Chem. Soc.*, **91**, 6544 (1969)]. By WILLIAM P. WEBER,\* RAYMOND A. FELIX, and ALVIN K. WILLARD, Department of Chemistry, University of Southern California, Los Angeles, California 90007.

On reexamination of the mass spectra of methyl 3-trimethylsilylpropionate under high resolution conditions, an error in the composition of the  $m/e$  105 ion became apparent. It is not  $C_3H_9SiO_2$  as indicated in eq 3 and Figure 1, but rather  $C_4H_{13}SiO$ . Peak matching high resolution data: calcd for  $C_4H_{13}SiO$ , 105.0732; found, 105.0733. A metastable peak at  $m/e$  68.9 =  $(105)^2/160$  indicates that this ion may be formed directly from the parent ion by loss of  $C_3H_3O$ .

**Stable Carbocations. CXXXVII. Cycloheptenyl, Cyclooctenyl, and Cyclononenyl Cations** [*J. Am. Chem. Soc.*, **94**, 6434 (1972)]. By GEORGE A. OLAH\* and GAO LIANG, Department of Chemistry, Case Western Reserve University, Cleveland, Ohio 44106.

In Table II, cmr shifts for the first and third ions were interchanged and should be:

	$C_1$	$C_3$	$C_2$	$\Delta_{C_2-C_1}$
	-41.0	-41.0	+48.0	+89.0
	-24.0	-24.0	+57.0	+81.0

**Ambident Behavior of Nitrite Ion. Reactions of 2,4-Dinitrohalobenzenes and 1,2,4-Trinitrobenzene with Sodium Nitrite** [*J. Am. Chem. Soc.*, **95**, 2133 (1973)]. By DAVID H. ROSENBLATT,\* WILLIAM H. DENNIS, JR., and RICHARD D. GOODIN, Physical Research Division, Chemical Laboratory, Edgewood Arsenal, Edgewood Arsenal, Maryland 21010.

An error has been found in the calculation of rate constant  $k_1$  from  $\Delta OD/\Delta t$  for the compounds 2,4-dinitrochlorobenzene (DNCIB) and 2,4-dinitrobromobenzene (DNBrB) for their reactions with nitrite by O-attack. In

Table I the values for  $k_1$  should read, for DNCIB and DNBrB,  $2.5 \times 10^{-5} M^{-1} \text{ min}^{-1}$  and  $2.2 \times 10^{-5} M^{-1} \text{ min}^{-1}$ , respectively. Therefore the N:O ratio of nitrite attack on DNCIB is 70:1 and not 18,000:1, as implied by the previously stated rate constants. This correction has no effect upon the other rate constants nor upon the conclusions stated.

**Structure of the Peptide Antibiotic Amphomycin** [*J. Am. Chem. Soc.*, **95**, 2352 (1973)]. By MIKLOS BODANSZKY,\* GERALD F. SIGLER, and AGNES BODANSZKY, Department of Chemistry, Case Western Reserve University, Cleveland, Ohio 44106.

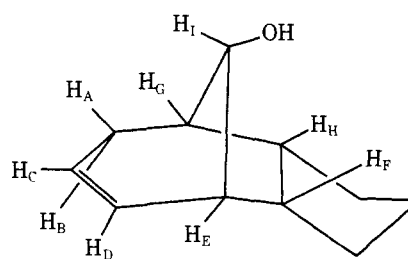
The + sign preceding the name of 3-isododecenoic acid should be deleted.

**Stereochemistry of  $\alpha$ -Halo Sulfoxides. II. Interdependent Stereochemistry at Sulfur and  $\alpha$ -Carbon in the  $\alpha$ -Halogenation of Sulfoxides** [*J. Am. Chem. Soc.*, **95**, 7431 (1973)]. By PAOLO CALZAVARA, MAURO CINQUINI, STEFANO COLONNA, ROBERTO FORNASIER, and FERNANDO MONTANARI,\* Centro C.N.R. e Istituto di Chimica Industriale dell' Universit , Milan 20133, Italy.

On page 7432, in Scheme I, the notations of absolute configuration (*S*)-(-)-**5b,6b** and (*S*)-(-)-**5a,6a** should be replaced by (*R*)-(-)-**5b,6b** and (*R*)-(-)-**5a,6a**, respectively.

**Photochemical Addition of Benzene to Cyclopentene** [*J. Am. Chem. Soc.*, **95**, 8250 (1973)]. By V. Y. MERRITT, J. CORNELISSE, and R. SRINIVASAN,\* IBM Thomas J. Watson Research Center, Yorktown Heights, New York 10598.

The correct structure of VIIIa is



In VIIIc, positions A-E and G are deuterated.

**$^{13}C$  Nuclear Magnetic Resonance Studies of Organometallic Compounds. I. *trans*-Methylplatinum(II) Derivatives** [*J. Am. Chem. Soc.*, **95**, 8574 (1973)]. By M. H. CHISHOLM, H. C. CLARK,\* L. E. MANZER, J. B. STOTHERS, and J. E. H. WARD, Department of Chemistry, The University of Western Ontario, London, Ontario, N6A 3K7, Canada.

Table II, item 14 under other  $^{13}C$  nmr data:  $\delta CH_3$  is 49.0 not 9.2 and  $^2J_{PtCC}$  was not observed and should be denoted  $^2J_{PTCC}^d$ .

Table V, item 8: the left-hand  $|^3J_{PtCNC}|$  value should be  $66(\pm 1)$ , not  $56(\pm 1)$ ; item 15:  $\delta C^1$  should be 52.0, not 41.6, while  $\delta C^2$  should be 41.6, not 52.0.

**Transition Metal Hydroborate Complexes. VI. The Solid-State Structure of  $\mu$ -Bis(cyanotrihydroborato)-tetrakis(tri-**