

Additions and Corrections

Vol. 27, 1962

Henry G. Kuivila, Lawrence E. Benjamin, Clarence J. Murphy, Allen D. Price, and John H. Polevy: Electrophilic Displacement Reactions. XIV. Two Novel Reactions Involving Areneboronic Acids and Halogens.

Page 826. Chart I. Structure E is incorrect. It should be *p*-X-anisole.

Scott Searles, Jr., Hugh R. Hays, and Eugene F. Lutz: Synthesis of Cyclic Sulfides from Cyclic Carbonate Esters. I. Thietanes.

Page 2831. In Table IV, transpose "2-methyl-2-penten-4-ol" and "4-methyl-2-penten-4-ol." Reference *f* should read, "N. van Keersbilk, *Bull. soc. chim. Belges*, **38**, 207 (1929); *Chem. Abstr.*, **23**, 439 (1929)."

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W. J. Wechter and H. C. Murray: 11-Oxygenated Pregnenolones. II. Synthesis of 11 α -Hydroxy-, 11 β -Hydroxy-, and 11-Ketopregnenolones and 11-Keto-17 α -pregnenolone.

Page 758. In col. 2, line 58, "(15%, corresponding to the 17 β -isomer) and 12.1 min. (85%, corresponding to the 17 α -isomer)" should read "(15%, corresponding to the 17 α isomer) and 12.1 min. (85%, corresponding to the 17 β isomer)."

Page 758. In col. 2, line 72, "(17%, corresponding to the 17 β -isomer) and 8.8 min. (83%, corresponding to the 17 α -isomer)" should read "(17%, corresponding to the 17 α isomer) and 8.8 min. (83%, corresponding to the 17 β isomer)."

Page 758. In col. 2, line 78, "Fractions 8-12 (IXb)" should read "Fractions 8-12 (Xb)."

Page 759. In col. 1, line 6, "Fractions 15-20 (Xb)" should read "Fractions 15-20 (IXb)."

John P. Schaefer and Fred Sonnenberg. Chlorination of Ketones with Selenium Oxochloride.

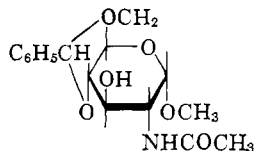
Page 1128. For "Fred Sonnenberg," substitute "Fred M. Sonnenberg."

In Experimental, paragraph 1, line 2, "2 g. (0.2 mole)" should read "24.0 g."

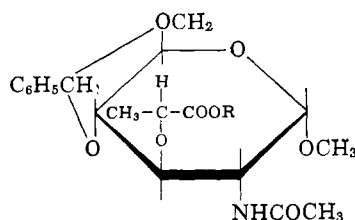
Harold M. Flowers and Roger W. Jeanloz: The Synthesis of a Glucosaminyl-Muramic Acid Disaccharide: Methyl 6-*O*-(2-Acetamido-3,4,6-tri-*O*-acetyl-2-deoxy- β -D-glucopyranosyl)-2-acetamido-4-*O*-acetyl-2-deoxy-3-*O*-[D-1-(methyl carboxylate)ethyl]- α -D-glucopyranoside.

Page 1564. In col. 1, lines 26-28, for "methyl 2-acetamido-4,6-*O*-benzylidene-(D-1-carboxyethyl)-2-deoxy- α -D-glucopyranoside," read "methyl 2-acetamido-4,6-benzylidene-3-*O*-(D-1-carboxyethyl)-2-deoxy- α -D-glucopyranoside."

Page 1565. Structure III should be



Page 1565. Structure V and VI should be



F. W. Hoover, H. B. Stevenson, and H. S. Rothrock: Chemistry of Isocyanic Acid. I. Reactions of Isocyanic Acid with Carbonyl Compounds.

Page 1828. In Table III, the last two structures should be interchanged.

Neil Baggett and Roger W. Jeanloz: 2,4-Di-*o*-Methyl and 3-*O*-Methyl Ethers of 1,6-Anhydro- α -L-iodopyranose.

Page 1846. In col. 1, line 30, " $C_{14}H_{12}O_8$ " should read " $C_{14}H_{12}O_7$."

F. W. Hoover and H. S. Rothrock: Chemistry of Isocyanic Acid. II. Reactions with α,β -Unsaturated Ethers.

Page 2082. The received date should be January 7, 1963.

Pages 2084 and 2085. The last word on 2084 should read "phosphorus," and the first word on 2085 should read "pentoxide."

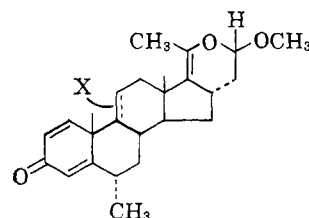
T. F. Wood, W. M. Easter, Jr., M. S. Carpenter, and J. Angiolini: Polycyclic Musks. I. Acyl- and Dinitropolyalkyl-tetralin Derivatives.

Page 2249. In col. 1, line 17, the word "tetramethylene" should read "tetramethylethylene." In col. 2, in the sequence of reactions shown, VII, R = CH₃ refers to the alcohol in the middle of the column rather than the ketone as shown.

Page 2255. In col. 1, line 7, "(XIIa)" should read "(XII)."

J. E. Pike, M. A. Rebenstorf, G. Slomp, and F. A. MacKellar: Addition of Alkyl Vinyl Ethers to Δ^{16} -20-Keto Steroids. I.

Page 2500. Formula 3 should be



3a, Δ^4 , X = H
b, $\Delta^{1,4}$, X = $\Delta^{9(11)}$
c, $\Delta^{1,4}$, X = 9 α F, 11 β OH

Page 2501. In the preparation of 2, R = OAc, the starting material should be "3 β ,21-dihydroxypregna-5,16-dien-20-one diacetate."

Page 2501. Reference 25 should read "C. Djerassi and C. T. Lenk, *J. Am. Chem. Soc.*, **76**, 1722 (1954)."

Donald S. Acker: Synthesis of Reduced Lipic Acid and Analogs of Lipoic Acid.

Page 2533. Dr. Ulrich Schmidt has called attention to omission of references to previous work dealing with certain of the areas of discussion. U. Schmidt and P. Grafen [*Chem. Ber.*, **92**, 1177 (1959)] and Y. Deguchi [*J. Pharm. Soc. Japan*, **80**, 933 (1960)] both describe preparation of ethyl 8-chloro-6-keto-7-octenoate as an intermediate in lipoic acid synthesis. U. Schmidt and F. Geiger [*Ann.*, **664**, 168 (1963)] examined reaction of chlorovinyl ketones with thioacetic acid or Na₂S and made reference to the dissertation of H. Alpes (Freiburg, 1958) in which ethyl 8-chloro-6-keto-7-octenoate was converted to lipoic acid by reaction with thioacetic acid or alcohol followed by reductive thiolation.

H. K. Hall, Jr., and C. H. Lueck: The Ionization Mechanism for the Hydrolysis of Acyl Chlorides.

Page 2818. Reference 11 should read "(1937)" instead of "(1957)."

Page 2824. In Table V, col. 2, the entry for (C₆H₅)₂CHCl, the fifth halide, should read "20 \pm 50% water-50% acetone (w:w), 0 $^\circ$."

J. J. Eisch and R. J. Beuhler: Chemistry of Alkali Metal-Unsaturated Hydrocarbon Adducts. V. Reductive Coupling of Vinylsilanes and the $d\pi-p\pi$ Effect.

Page 2876. In col. 2, line 4, "in the $d\pi-d\pi$ interaction" should read "in the $d\pi-p\pi$ interaction."

Virginia R. Williams and James G. Traynham: Acid-Disassociations of 2-Hydroxypyridinium Ion.

Page 2884. The "H" which appears in formula III should be deleted.