Corrigenda

Stereospecific Synthesis from Carbohydrate Precursors of (*R*)- and (*S*)-Ethyl Isopropyl Methyl Phosphate and Other Optically Active Neutral Phosphorus Esters

By C. RICHARD HALL, THOMAS D. INCH, GILBERT J. LEWIS, and ROSEMARY A. CHITTENDEN

J.C.S. Chem. Comm., 1975, 720.

(−)-Ethyl isopropyl methyl phosphate (**6**) has the (*R*) not (*S*) configuration.

(+)-Ethyl isopropyl methyl phosphate (**9**) has the (*S*) not (*R*) configuration.

Convenient Procedure for the Stereospecific Synthesis of Optically Active Alkyl *S*-Alkyl Methylphosphonothioates, Dialkyl *S*-Alkyl Phosphorothioates, Dialkyl Methylphosphonates, and Trialkyl Phosphates

By DAVID B. COOPER, C. RICHARD HALL, and THOMAS D. INCH

J.C.S. Chem. Comm., 1975, 721.

Compound (**11**) has the (*R*) not (*S*) configuration.

Compound (**12**) has the (*S*) not (*R*) configuration.

Compound (**20**) has the (*R*) not (*S*) configuration.

Compound (**21**) has the (*S*) not (*R*) configuration.

In both the above communications structural formulae show the correct configurations. Errors in (*R*) and (*S*) designations arose because the P=O bond was considered mistakenly as a double bond rather than a single bond when the Sequence Rule was applied to various phosphorus esters. This error does not necessarily lead to the wrong configurational designation. Thus the absolute configurational designations of the alkyl *S*-alkyl methylphosphonothioates and trialkyl phosphates are in error whereas the (*R*) and (*S*) assignments for the dialkyl *S*-alkyl phosphorothioates and dialkyl methylphosphonates are correct. Other papers[1] from this laboratory contain similar errors arising from incorrect use of the Sequence Rule. In all cases it is believed that the structural formulae correctly depict the absolute configurations of the compounds in question.

[1] T. D. Inch and G. J. Lewis, *J.C.S. Chem. Comm.*, 1973, 310; T. D. Inch and his co-workers, *J.C.S. Perkin I*, 1974, 1043, 1049, 1053, 1058; 1975, 1892; *Tetrahedron Letters*, 1973, 2187; 1974, 2697.

Synthesis of the Methyl Ester of the Magnesium-free Derivative of Chlorophyll c_2

By PETER S. CLEZY and CHRISTOPHER J. R. FOOKES

J.C.S. Chem. Comm., 1975, 707.

On p. 707, r.h.s., last two lines, u.v. data should read: λ_{max} ($CHCl_3$) (log ϵ): 440 (5·22), 535 (4·05), 580 (4·09), 597·5 (4·10), and 656 (3·15) nm.

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