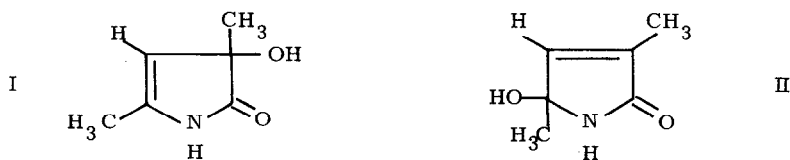


ERRATUM

E. HÖFT, A. R. KATRITZKY and M. R. NESBIT: The autoxidation of alkylpyrroles

Tetrahedron Letters No.32, pp. 3041-3044, 1967.

We recently reported (1) the various products resulting from the autoxidation of simple alkylpyrroles. The product from 2,4-dimethylpyrrole was assigned structure I, and the alternative II was specifically rejected on the basis of the ultraviolet absorption



(λ_{\max} at 204 m μ , ϵ 14,150). Professor R. W. Franck (Fordham University, New York) has kindly informed us of work that he has carried out on the singlet oxidation of pyrroles [cf. also (2)] which suggests that our product is II, and pointed out the close correspondence of the properties of our compound with authentic II, which has recently been reported (3). Through the kindness of Dr. R. Scheffold (Zurich) a direct comparison has now been made which confirms that the autoxidation product of 2,4-dimethylpyrrole has structure II. The ultraviolet maximum of II is at rather lower wavelength than expected, which gave rise to our earlier misassignment.

References

- (1) E. Höft, A. R. Katritzky and M. R. Nesbit, "Tetrahedron Letters", 1967, 3041.
- (2) P. de Mayo and S. T. Reid, "Chem. and Ind.", 1962, 1576.
- (3) R. Scheffold and P. Dubs, "Helv. Chim. Acta.", 1967, 50, 798.

A. R. Katritzky and M. R. Nesbit,
School of Chemical Sciences,
University of East Anglia,
Norwich.

E. Höft,
Institute of Organic Chemistry,
German Academy of Sciences,
Berlin-Adlershof.