

the PFR.'s described here. (According to *Bellus* [1], the overwhelming majority of results in the literature indicate that the PFR. takes place from excited singlet levels); (c) Since we find that the enol-esters **1b–1e** undergo the 1,3-PFR. without any cleavage products [1], we conclude that *if* enol and acyl radicals are formed at all [10], they are kept together by strong interactions between them. The absence of pronounced differences between various solvents does not detract from the essential role played by the solvent, both in accepting excess energy and in serving as a cage.

#### REFERENCES

- [1] *D. Bellus*, in 'Advances in Photochemistry', vol. 8, p. 109 (J. N. Pitts, G. S. Hammond and W. A. Noyes, eds.), Wiley-Interscience, New York 1971.
- [2] *V. I. Stenberg*, in 'Organic Photochemistry', vol. 1, p. 127 (O. L. Chapman, ed.), Dekker, New York 1967.
- [3] *M. R. Sandner, E. Hedaya & D. J. Trecker*, J. Amer. chem. Soc. *90*, 7249 (1968).
- [4] *C. E. Kalmus & D. M. Hercules*, Tetrahedron Letters *1972*, 1575.
- [5] *J. S. Humphrey & R. S. Roller*, Mol. Photochemistry *3*, 35 (1971).
- [6] *J. S. Humphrey, A. R. Shultz & D. B. G. Jaquiss*, Macromolecules *6*, 305 (1973).
- [7] *H. Shizuka & I. Tanaka*, Bull. chem. Soc. Japan *41*, 2343 (1968).
- [8] a) *C. A. Coulson, L. E. Orgel, W. Taylor & J. Weiss*, J. chem. Soc., *1955*, 2961; b) *D. O. Cowan & W. Schmiegel*, J. Amer. chem. Soc. *94*, 6779 (1972).
- [9] *E. F. Ullman*, Accounts chem. Res. *1*, 353 (1968).
- [10] *W. Adam, J. A. Sanabia & H. Fischer*, J. org. Chemistry *38*, 2571 (1973).

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#### Erratum

Helv. *58*, 541 (1975), Abhandlung Nr. 64 von *Müller, B.*, und *Tamm, Ch.*: Auf der S. 548, 1. Zeile des experimentellen Teils: anstatt "Angaben in [1]." lies: "Angaben in Helv. *58*, 453 (1975), S. 465 (*Müller, B.*, *Achini, R.*, und *Tamm, Ch.*)"

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### 3rd International Symposium on Mass Spectroscopy in Biochemistry and Medicine

by Istituto di Ricerche Farmacologiche MARIO NEGRI, Milano

Alghero, Sardinia, 16th–18th June, 1975

Further Informations: Dr. A. Figerio, Via Eritrea 62 – 20157 MILAN, Italy

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## Summer School on Interfacial Charges, Fundamental Aspects and Applications (in French)

Organized under the auspices of primarily the French section of the International Society of Electrochemistry (I.S.E.):

Montpellier (France), September 1–12 1975

The number of participants will be limited to 50. Topics: double layer at metallic electrodes, semi-conductors and other types of interfaces (membranes, ionic crystal, liquid-liquid and liquid-air).

Further informations: Dr. D. Schuhmann, Physico-Chimie des Interfaces, C.N.R.S., B.P. 5051, 34033 Montpellier cedex.

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An International Symposium at the University of British Columbia

## Biological Aspects of Inorganic Chemistry

Vancouver, June 20th–25th, 1976

Further informations: Venue West Executive Services Ltd., 1704–1200 Alberni Street, Vancouver, B.C., Canada.

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The Chemical Society – Industrial Division: Fine Chemicals and Medicinals Group Symposium:

## Recent Advances in the Chemistry of $\beta$ -Lactam Antibiotics

Churchill College, Cambridge, 28th–30th June, 1976

Titles and synopses (c. 250 words) should be submitted not later than 30th November, 1975 to Dr. W. Hoyle, Ciba-Geigy (U.K.) Ltd., Tenax Road, Trafford Park, Manchester M17 1WT from whom further information on the meeting may be obtained.

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## VIII International Symposium on Carbohydrate Chemistry

Kyoto, Japan August 16–20, 1976

Further informations: Dr. A. Misaki, General Secretary, c/o Kyoto International Conference Hall, Takara-ike, Sakyo-ku, Kyoto 606, Japan.