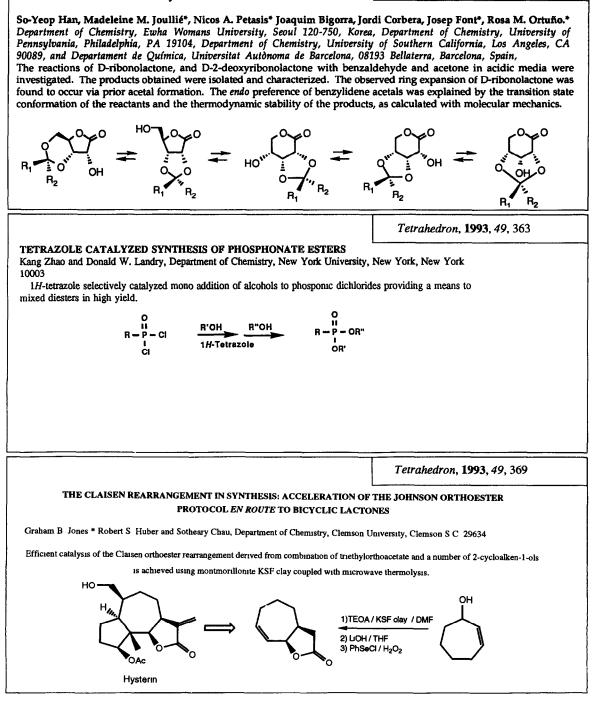
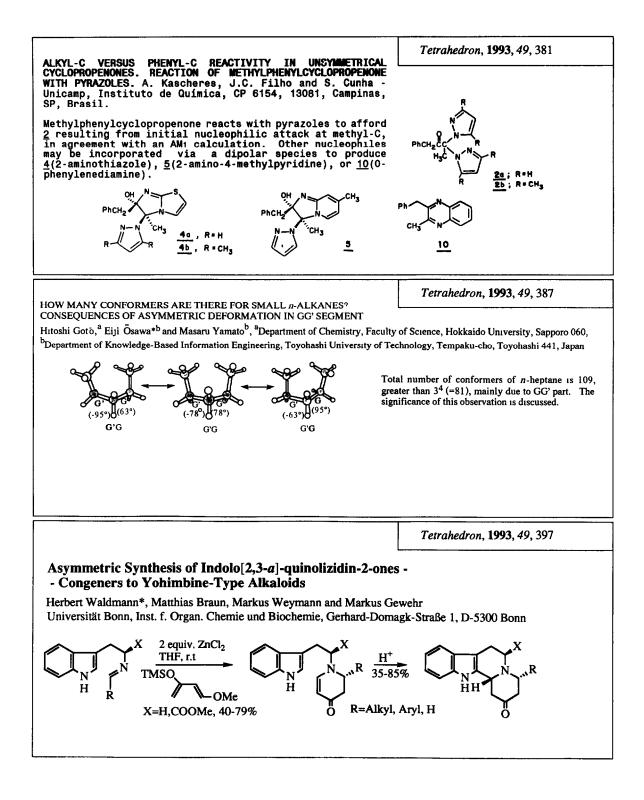


## Investigations of the Formation of Cyclic Acetal and Ketal Derivatives of D-Ribonolactone and D-2-Deoxyribonolactone

Tetrahedron, 1993, 49, 349



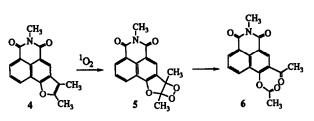


Tetrahedron, 1993, 49, 417

## SYNTHESIS AND PHOTOOXYGENATION OF 2,3,6-TRIMETHYLFURO[2,3-b][1]NAPHTHO[4a,7a-e,f]PYRIDA-5,7-DIONE, A POTENTIAL CHEMILUMINESCENT PROBE FOR SINGLET OXYGEN

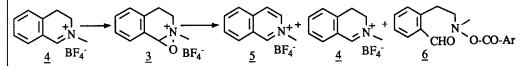
Waldemar Adam\*, Xuhong Qian, Chantu R. Saha-Möller Institute of Organic Chemistry, University of Würzburg Am Hubland, D-8700 Würzburg, Germany

The novel furonaphthalimide 4 was prepared from 4-chloro-1,8-naphthalic anhydride, its photooxygenation gave the naphthalimide 6 by decomposition of the labile dioxetane 5. The fluorescence properties of the 1,8-naphthalimide derivatives were determined.



Tetrahedron, 1993, 49, 423

Action de l'acide paranitroperbenzoïque sur le Tétrafluoroborate de N-méthyl-3,4-Dihydrolsoquinolinium. Formation d'un sel d'oxaziridinium. G Hanquet, X. Lusinchi, P. Milliet ; Institut de Chimie des Substances Naturelles, CNRS, 91198 Gif-sur-Yvette, France.

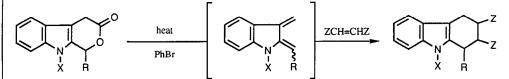


L'action d'un peracide en présence d'une quantité substoechiométrique de base conduit à un sel d'oxaziridinium, lequel en présence d'un équivalent de base conduit ensuite au mélange des sels d'isoquinolinium 5 et d'iminium 4 et à un dérivé ouvert 6.

## 1,4-DIHYDROPYRANO[3,4-b]INDOL-3-ONES AS PRECURSORS TO INDOLE-2,3-QUINODIMETHANES

Tetrahedron, 1993, 49, 439

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The 1,4-dihydropyrano[3,4-b] indolones lose  $CO_2$  on heating to generate the corresponding indole-2,3-quinodimethanes, which can be intercepted in Diels-Alder reactions with a range of dienophiles

