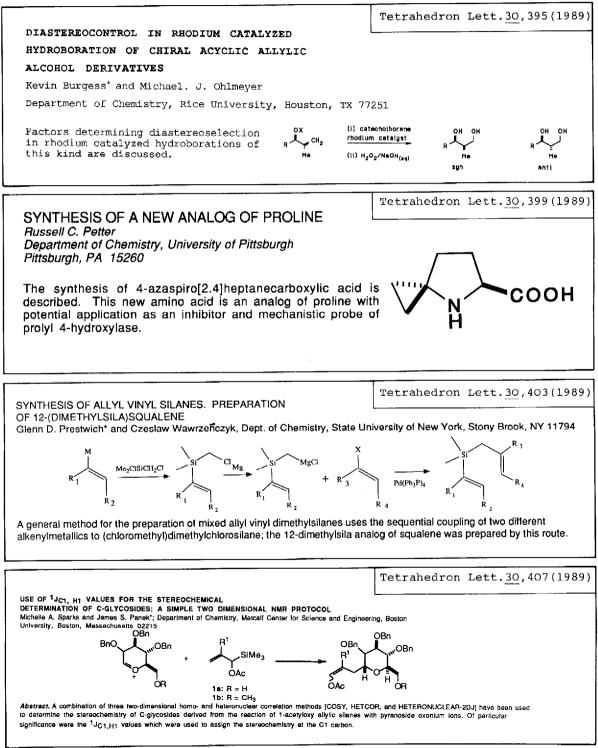
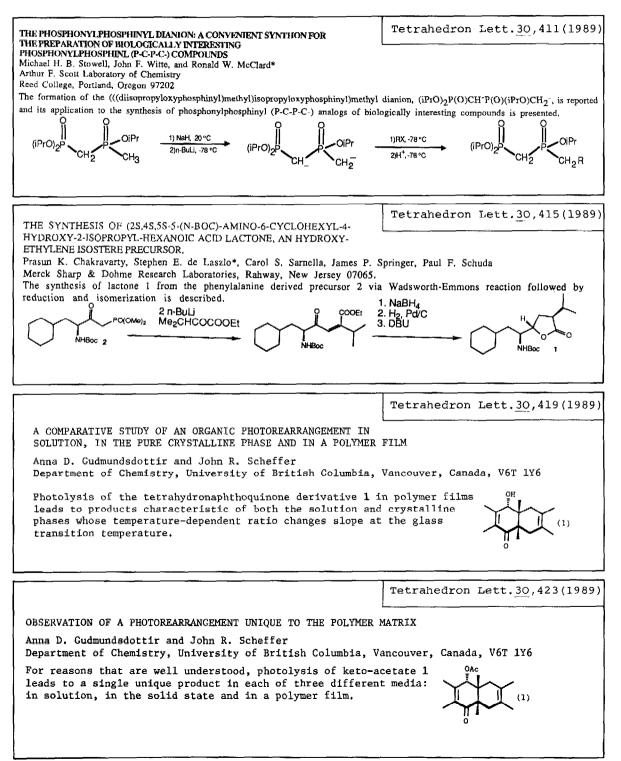
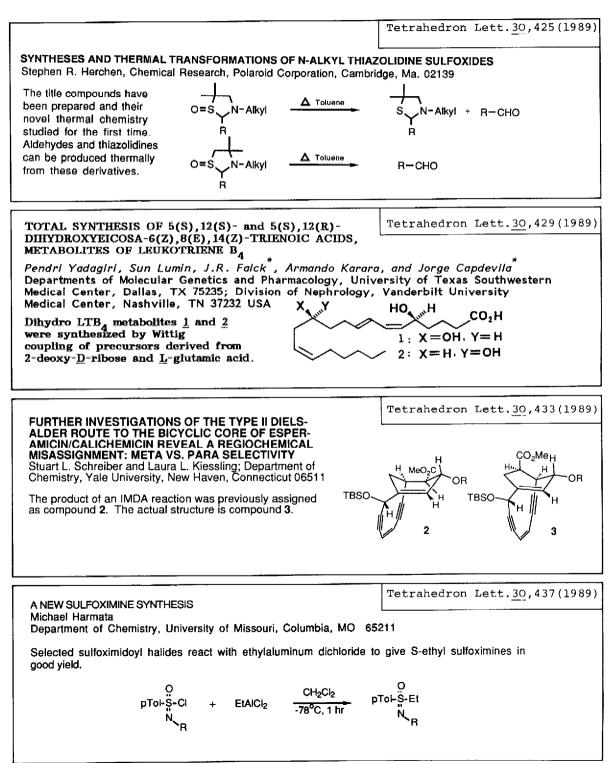
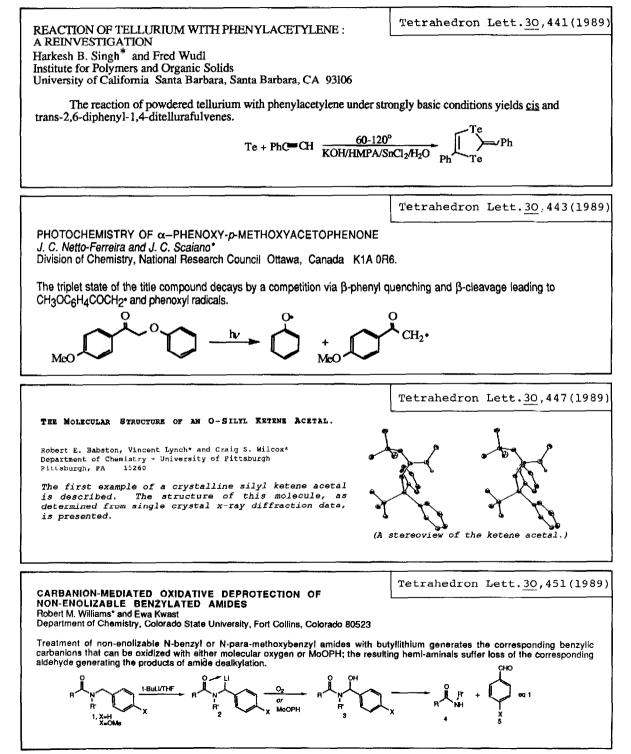
## **GRAPHICAL ABSTRACTS**

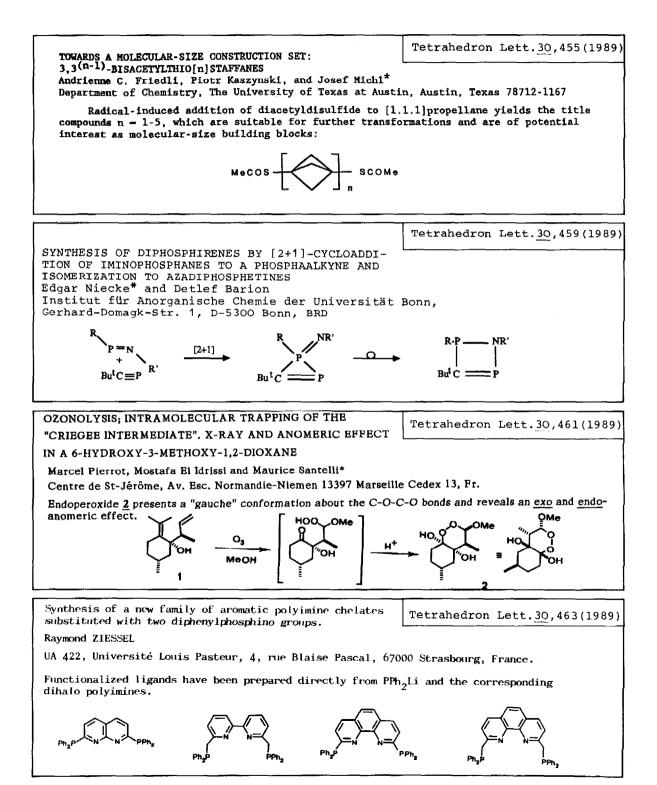


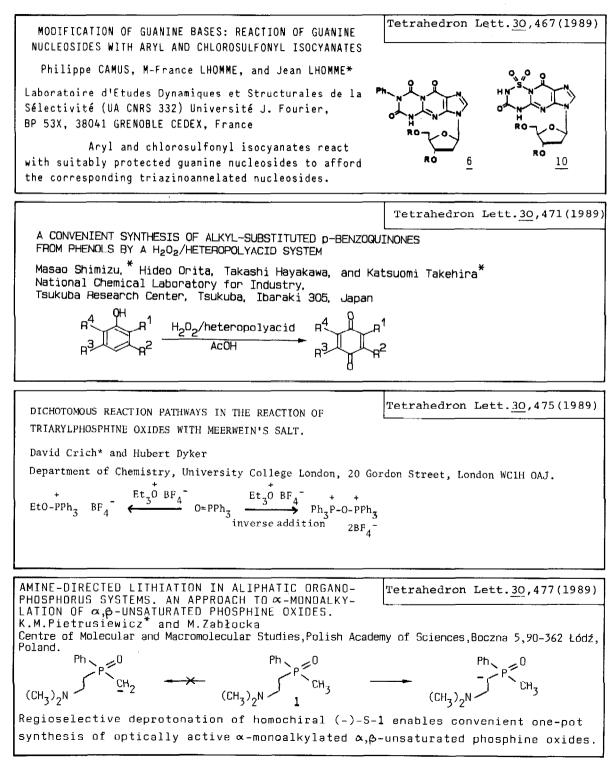






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Tetrahedron Lett.30,481(1989) THE BARRIER TO 1,2 HYDROGEN SHIFT IN DIALKYL CARBENES I.D.R.Stevens\*, M.T.H.Liu\*, N.Soundararajan and N.Paike Departments of Chemistry, University of Southampton, U.K., S09 5NH, and Prince Edward Island, Canada, CP1 4P3 (2) The absence of lactone from (2) leads to an experimental value of  $E_a = 1.1 \pm 1 \text{ kcal.mol}^{-1}$ for the barrier height to 1,2 H shift in dialkyl carbenes. Tetrahedron Lett. 30,485(1989) SYNTHESIS OF 1,2-DIOXETANES VIA 9,10-DICYANOANTHRACENE SENSITIZED CHAIN ELECTRON-TRANSFER PHOTOOXYGENATIONS. Luigi Lopez<sup>8\*</sup>, Luigino Troisi<sup>a</sup>, S.M.Khaledur Rashid<sup>b</sup>and A.Paul Schaap<sup>b</sup>\* a) Centro di Studio Sulle Metodologie Innovative di Sintesi Organiche. Dipartimento di Chimica Università di Bari, Vio Amendola 173,Buri'Italy. b) Department of Chemistry, Wayne State University, Detroit, MI 48202 USA. Thermally stable 1,2-dioxetanes have been synthesized by (DCA)  $\sim$   $(1 - 1)^{(n)} \frac{DCAO_2}{m} = \int_{\pi}^{\infty} \frac{\Delta T}{m \log Ch_2} + \frac{\Delta T}{m \log Ch$ alkoxy aryl methylenadamantanes. The reactions,likely, proceed via a chain electron-transfer mechanism. Tetrahedron Lett. 30, 489 (1989) ELECTRON-TRANSFER INDUCED CONVERSION OF ENOL-ETHERS INTO KETONES Luigi Lopez\*, Luigino Troisi CNR Céntro di Studio sulle Metodologie Innovative di Sintesi Organiche. Dipartimento di Chimica, Università di Bari, V.Amendola 173,70126 Bari,Italia Alkoxy(aryl)-adamantylidenes react with catalytic amounts of an aminium salt. in methylene chloride and under argon (p.BrC6H4)3 N1 SbCle atmosphere, to give adamantyl-arylketones. Tetrahedron Lett.30,493(1989) ON THE STEREOISOMERIZATION OF RADICALS DURING ALIPHATIC NUCLEOPHILIC SUBSTITUTIONS Kim Daasbjerg, Torben Lund, and Henning Lund Department of Organic Chemistry, University of Aarhus, 8000 Aarhus, Denmark R Substitution of bornyl bromide and isobornyl bromide with an enolate ion gives the same exo + endo products, SET being the ratedetermining step.

	Tetrahedron Lett.30,497(1989)
FORMATION OF ASPARTIMIDE PEPTIDES IN Asp-Gly SEQUENCES Ernesto Nicolás, Enrique Pedroso, and Ernest Giralt <sup>*</sup> Universitat de Barcelona, Departament de Química Orgànica Facultat de Química, Martí i Franquès 1, 08028. Barcelona	
The behaviour of protected H-Val-Lys-Asp-Gly-Tyr-Ile-( formation has been evaluated.	OH towards imide
Boc-Val-Lys(Z)-Asp(R)-Gly-Tyr(cHex)-Ile-CH <sub>2</sub> -PAM-resin HF H-Val-Lys-Asp-Gly-Tyr-Ile-OH + H-Val-Lys-NH-ÇH-CO-N-CH <sub>2</sub> -CO-Tyr-Ile-OH CH <sub>2</sub> -CO	
	Tetrahedron Lett. <u>30</u> ,501(1989)
A REVISED STRUCTURE FOR TAGETITOXIN Robin E. Mitchell, Jan M. Coddington <sup>a</sup> and Harry Young Division of Horticulture & Processing, DSIR, Auckland, New <sup>a</sup> Department Chemistry, University of Auckland, Auckland, Ne Based on MS and NMR data, the structure of tagetitoxin is a	ew Zealand $H_{3}N$ $H$ $H_{5}$ $G_{0,0}$ $H_{1}$