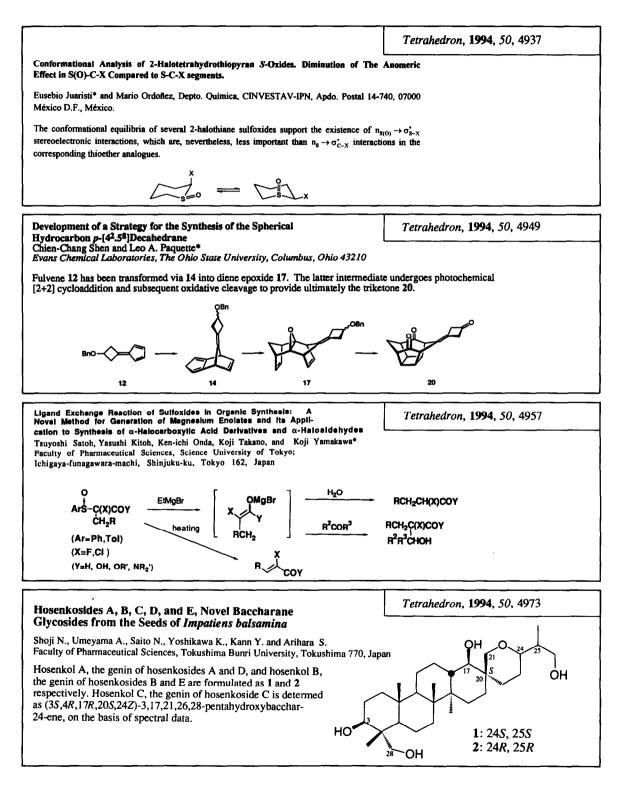
GRAPHICAL ABSTRACTS

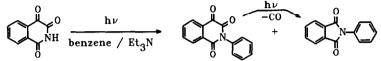


ON THE PHOTOCHEMICAL REACTIVITY OF PHTHALONIMIDE.

Tetrahedron, 1994, 50, 4987

Rafael Suau' and Ezequiel P. de Inestrosa Villatoro. Departamento de Química Organica. Facultad de Ciencias. Universidad de Málaga, 29071 Malaga, Spain.

Several processes are described from the irradiation of phthalonimide in aromatic solvents: photoreduction, oxetane formation and N-arylation.



AZINIUM-N-(2'-AZINYL)AMINIDES: SYNTHESIS, STRUCTURE AND REACTIVITY

Tetrahedron, 1994, 50, 4995

Rosa Carceller^a, Jose L. García-Navío^a, María L. Izquierdo^a, Julio Alvarez-Builla^{a^{*}}, Mariano Fajardo^b, Pilar Gómez-Sal^b and Federico Gago^c.

Departamentos de Química Orgánica^a, Química Inorgánica^b, Farmacología^c, Universidad de Alcalá, 28871 Alcalá de Henares, Madrid, España.

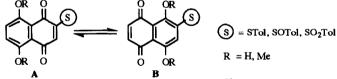
Several Azinium-N-(2'-azinyl)aminides are reported. The structure of pyridinium-N-(2'-pyridyl)aminide has been studied, both in solution and crystalline state, and results have been compared. In non-polar solvents, the aminides present a planar conformation stabilized by an intramolecular hydrogen bond. The reactivity toward electrophiles confirms the structural data, producing either N- or C- substitutions under mild conditions.

TAUTOMERIC EQUILIBRIUM OF NAPHTHAZARIN

Tetrahedron, 1994, 50, 5013

THIODERIVATIVES. M. Carmen Carreño, J. Luis García Ruano and

Antonio Urbano. Departamento de Química (C-I), Universidad Autónoma. 28049 Madrid. Spain



The synthesis of these hydroxy and methoxy naphthoquinones is reported. Their ¹³C-nmr spectra allows the study of the tautomeric equilibrium.

ON THE ASYMMETRIC DIHYDROXYLATION

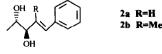
Tetrahedron, 1994, 50, 5021

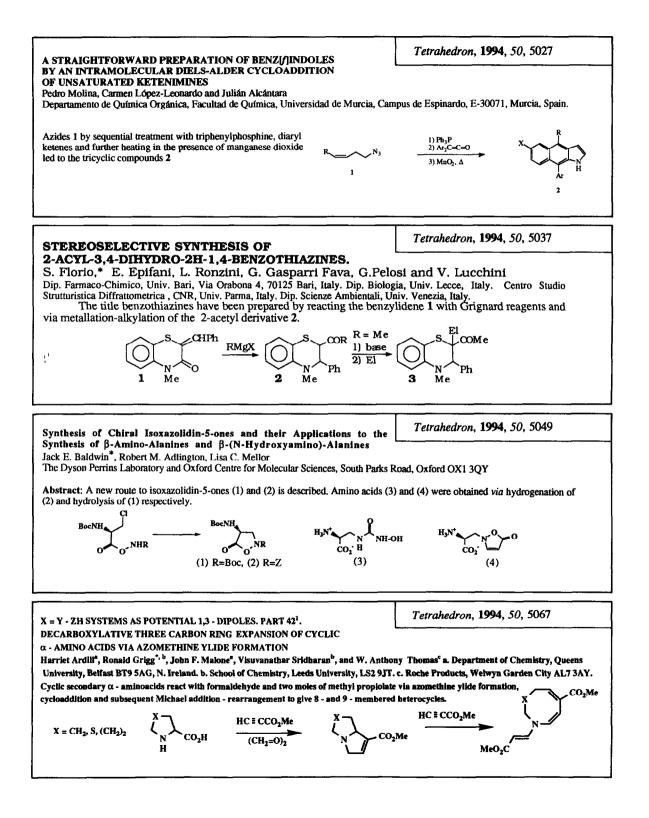
OF (2S,3R) 5-PHENYLPENT-4-EN-2,3-DIOL DERIVATIVES

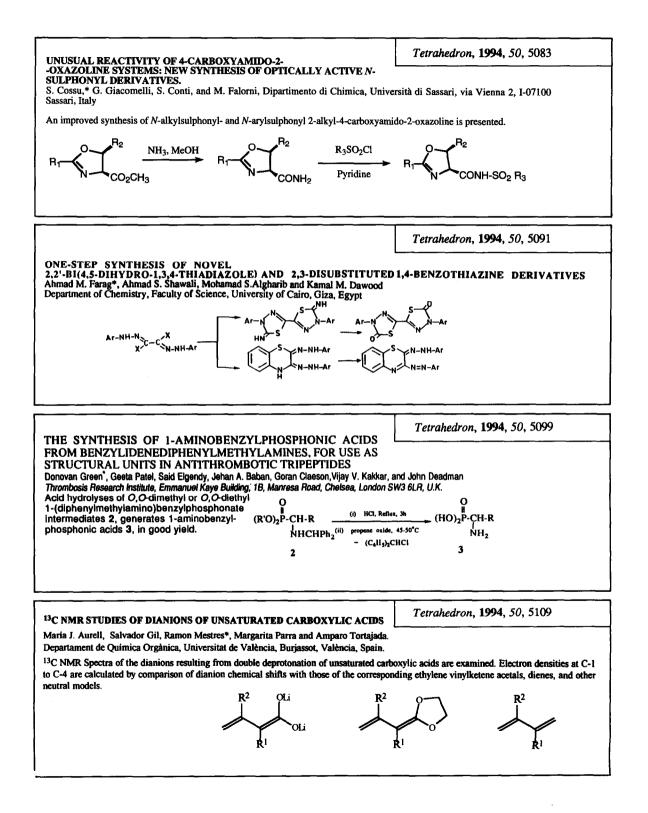
Giovanni Fronza, Claudio Fuganti, Piero Grasselli, Andrea Mele

Dipartimento di Chimica del Politecnico, Centro CNR per lo Studio delle Sostanze Organiche Naturali, 20133 Milano, Italy

Sharpless OsO_4 asymmetric dihydroxylation of protected forms of the unsaturated (2S.3R) diols 2 affords a mixture of diastereoisomers ratios depending upon the nature of the ligand, the hydroxyl group protection and the double bond substitution.







MECHANISM OF ALCOHOL OXIDATIONS BY ANIONIC	Tetrahedron, 1994, 50, 5119
PEROXOMOLYBDENUM COMPLEXES Sandro Campestrini and Fulvio Di Furia*	· · · · · · · · · · · · · · · · · · ·
Centro CNR di Studio sui Meccanismi di Reazioni Organiche, Dipartimento di Chimica Organica, Universita' di Padova, Via Marzolo 1, 35131 Padova (Italia).	
$\begin{array}{c} H_{1} \\ H_{2} \\ H_{2} \\ H_{3} \\ H_{4} \\ H_{2} \\ H_{1} \\ H_{2} \\ H_{2} \\ H_{2} \\ H_{2} \\ H_{2} \\ H_{3} \\$	
Ĩ	
A kinetic study is reported which allows to propose a common general scheme for the oxidation of various alcohols by different anionic peroxomolybdenum complexes.	
	Tetrahedron, 1994, 50, 5131
β-FUNCTIONALISED RADICALS IN ORGANIC SYNTHESIS: 2-ACYLOXYALKYL RADICALS FROM 2-ACYLOXYALKYL IODIDES BY THE TIN ROUTE	
F. Foubelo, F. Lloret and M. Yus* Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apdo. 99, 03080 Alicante, Spain	
	ntooo
$R^{1}COO + R^{2} \xrightarrow{I, } R^{2} \xrightarrow{I} R^{3} \xrightarrow{I, } R^{3} \xrightarrow{I, } R^{3} \xrightarrow{I} R^{3} $	R ² Z
1 2	R ³
	3 (14-72%)
\mathbb{R}^1 =Me, Ph; \mathbb{R}^2 =H, Me, Ph; \mathbb{R}^3 =H, Me; Z=CO ₂ Me, CN. <i>Reagents</i> : i, Bu ⁿ ₃ SnCl, Na	aBH_4 , AIBN cat., EtOH; ii, NaF, H_2O
	Tetrahedron, 1994 , 50, 5139
AROMATIC IODINATION WITH THE I ₂ -HgX ₂ COMBINATION A. Bachki, F. Foubelo and M. Yus*	Tetrahedron, 1994 , 50, 5139
AROMATIC IODINATION WITH THE I2-HgX2 COMBINATION A. Bachki, F. Foubelo and M. Yus* Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apd	
A. Bachki, F. Foubelo and M. Yus* Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apd	lo. 99, 03080 Alicante, Spain
A. Bachki, F. Foubelo and M. Yus* Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apd ArH + I ₂ + HgX ₂ i Arl	lo. 99, 03080 Alicante, Spain + HX + HgXI
A. Bachki, F. Foubelo and M. Yus* Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apd	lo. 99, 03080 Alicante, Spain + HX + HgXI
A. Bachki, F. Foubelo and M. Yus* Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apd ArH + I ₂ + HgX ₂ i i 1a-t 2a-c 3a-t (34-1)	6. 99, 03080 Alicante, Spain + HX + HgXI 98%)
A. Bachki, F. Foubelo and M. Yus* Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apd ArH + I ₂ + HgX ₂ i Arl	6. 99, 03080 Alicante, Spain + HX + HgXI 98%)
A. Bachki, F. Foubelo and M. Yus* Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apd ArH + I ₂ + HgX ₂ i i 1a-t 2a-c 3a-t (34-1)	6. 99, 03080 Alicante, Spain + HX + HgXI 98%)
A. Bachki, F. Foubelo and M. Yus [*] Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apd ArH + l_2 + HgX ₂ Arl 1a-t 2a-c 3a-t (34-1) [X=Cl, NO ₃ , CF ₃ SO ₃ . Conditions : CH ₂ Cl ₂ , 20°C, ove	6. 99, 03080 Alicante, Spain + HX + HgXI 98%)
A. Bachki, F. Foubelo and M. Yus* Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apd ArH + I ₂ + HgX ₂ i Arl 1a-t 2a-c 3a-t (34- [X=Cl, NO ₃ , CF ₃ SO ₃ . Conditions : CH ₂ Cl ₂ , 20°C, ove Synthesis of Conformationally Restricted Relatives of the Mevinic Acids	lo. 99, 03080 Alicante, Spain + HX + HgXI 98%) ernight]
A. Bachki, F. Foubelo and M. Yus* Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apd ArH + I ₂ + HgX ₂ Arl 1a-t 2a-c 3a-t (34-t) [X=Cl, NO ₃ , CF ₃ SO ₃ . Conditions : CH ₂ Cl ₂ , 20°C, ove Synthesis of Conformationally Restricted Relatives of the Mevinic Acids Frank Bennett, ^a Garry Fenton ^b and David W. Knight ^{a*} ^a Chemistry Department, University Park, Nottingham, NG7 2RD UK	lo. 99, 03080 Alicante, Spain + HX + HgXI 98%) ernight] <i>Tetrahedron</i> , 1994 , <i>50</i> , 5147
A. Bachki, F. Foubelo and M. Yus* Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apd ArH + I ₂ + HgX ₂ Arl 1a-t 2a-c 3a-t (34- [X=Cl, NO ₃ , CF ₃ SO ₃ . Conditions : CH ₂ Cl ₂ , 20°C, ove Synthesis of Conformationally Restricted Relatives of the Mevinic Acids Frank Bennett, ^a Garry Fenton ^b and David W. Knight ^{a*} ^a Chemistry Department, University Park, Nottingham, NG7 2RD, UK ^b Rhone-Poulenc-Rorer, Central Research, Rainham Road South, Dagenham,	ko. 99, 03080 Alicante, Spain + HX + HgXI 98%) ernight] <i>Tetrahedron</i> , 1994 , <i>50</i> , 5147
A. Bachki, F. Foubelo and M. Yus* Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apd ArH + I ₂ + HgX ₂ Arl 1a-t 2a-c 3a-t (34-t) [X=Cl, NO ₃ , CF ₃ SO ₃ . Conditions : CH ₂ Cl ₂ , 20°C, ove Synthesis of Conformationally Restricted Relatives of the Mevinic Acids Frank Bennett, ^a Garry Fenton ^b and David W. Knight ^{a*} ^a Chemistry Department, University Park, Nottingham, NG7 2RD, UK ^b Rhone-Poulenc-Rorer, Central Research, Rainham Road South, Dagenham, A series of spiro-hydroxy valerolactones have been	ko. 99, 03080 Alicante, Spain + HX + HgXI 98%) ernight] <i>Tetrahedron</i> , 1994 , <i>50</i> , 5147
A. Bachki, F. Foubelo and M. Yus* Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apd ArH + I ₂ + HgX ₂ Arl 1a-t 2a-c 3a-t (34-t) [X=Cl, NO ₃ , CF ₃ SO ₃ . Conditions : CH ₂ Cl ₂ , 20°C, ove Synthesis of Conformationally Restricted Relatives of the Mevinic Acids Frank Bennett, ^a Garry Fenton ^b and David W. Knight ^{a*} ^a Chemistry Department, University Park, Nottingham, NG7 2RD, UK ^b Rhone-Poulenc-Rorer, Central Research, Rainham Road South, Dagenham, A series of spiro-hydroxy valerolactones have been prepared, in some cases stereospecifically, by the addition of acetoacetate dianions to examples of H _a	ko. 99, 03080 Alicante, Spain + HX + HgXI 98%) ernight] <i>Tetrahedron</i> , 1994 , <i>50</i> , 5147
A. Bachki, F. Foubelo and M. Yus* Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apd ArH + I ₂ + HgX ₂ Arl 1a-t 2a-c 3a-t (34-t) [X=Cl, NO ₃ , CF ₃ SO ₃ . Conditions : CH ₂ Cl ₂ , 20°C, ove Synthesis of Conformationally Restricted Relatives of the Mevinic Acids Frank Bennett, ^a Garry Fenton ^b and David W. Knight ^{a*} ^a Chemistry Department, University Park, Nottingham, NG7 2RD, UK ^b Rhone-Poulenc-Rorer, Central Research, Rainham Road South, Dagenham, A series of spiro-hydroxy valerolactones have been prepared, in some cases stereospecifically, by the addition of acetoacetate dianions to examples of hexahydrobenz[e]indenones and hexahydro- phenanthrenones, as potential HMGCoA reductase	6. 99, 03080 Alicante, Spain + HX + HgXl 98%) ernight] Tetrahedron, 1994 , 50, 5147 Essex, RM10 7XS, UK OH
A. Bachki, F. Foubelo and M. Yus* Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apd ArH + I ₂ + HgX ₂ Arl 1a-t 2a-c 3a-t (34-t) [X=Cl, NO ₃ , CF ₃ SO ₃ . Conditions : CH ₂ Cl ₂ , 20°C, ove Synthesis of Conformationally Restricted Relatives of the Mevinic Acids Frank Bennett, ^a Garry Fenton ^b and David W. Knight ^{a*} ^a Chemistry Department, University Park, Nottingham, NG7 2RD, UK ^b Rhone-Poulenc-Rorer, Central Research, Rainham Road South, Dagenham, A series of spiro-hydroxy valerolactones have been prepared, in some cases stereospecifically, by the addition of acetoacetate dianions to examples of hexahydrobenz[e]indenones and hexahydro-	6. 99, 03080 Alicante, Spain + HX + HgXl 98%) ernight] Tetrahedron, 1994 , 50, 5147 Essex, RM10 7XS, UK OH

