

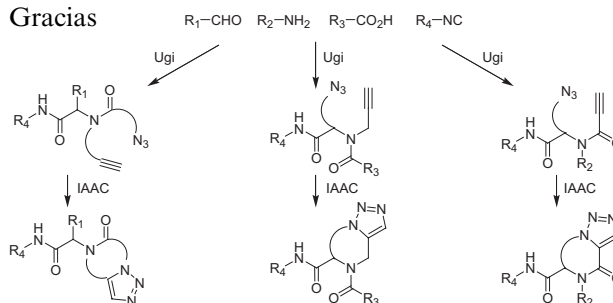
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A versatile synthesis of fused triazolo derivatives by sequential Ugi/alkyne–azide cycloaddition reactions

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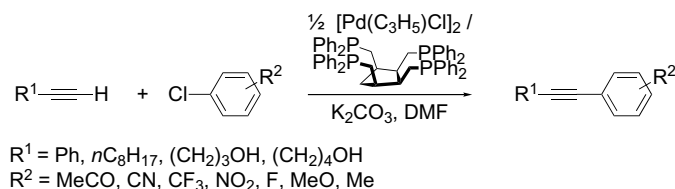
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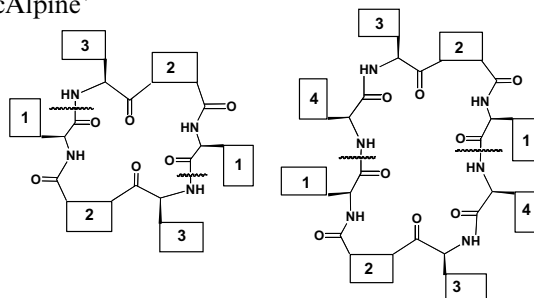
Marie Feuerstein, Henri Doucet* and Maurice Santelli*



Novel antibiotics: second generation macrocyclic peptides designed to trap Holliday junctions

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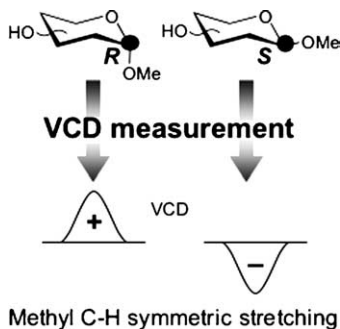
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A characteristic CH band in VCD of methyl glycosidic carbohydrates

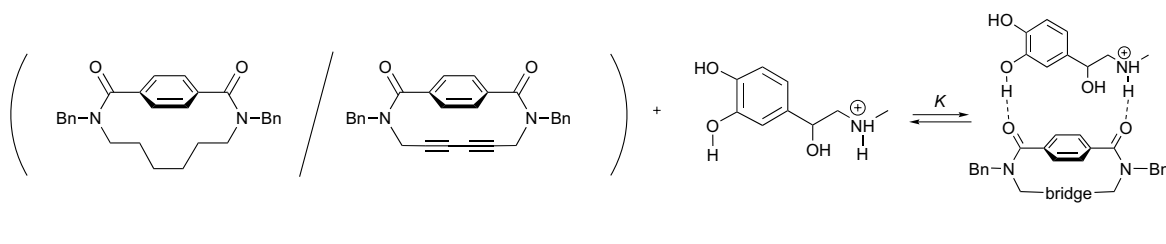
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Tohru Taniguchi, Kenji Monde,* Nobuaki Miura and Shin-Ichiro Nishimura

**[10]Paracyclophanediamides and their octahydro derivatives: novel exotopic receptors with hydrogen-bonding sites on the bridge**

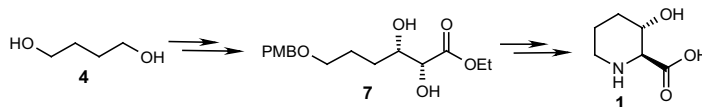
pp 8455–8459

Ryo Katoono, Hidetoshi Kawai, Kenshu Fujiwara and Takanori Suzuki*

**i+****An asymmetric dihydroxylation route to (2*S*,3*S*)-3-hydroxyproline**

pp 8461–8463

Mandar S. Bodas and Pradeep Kumar*

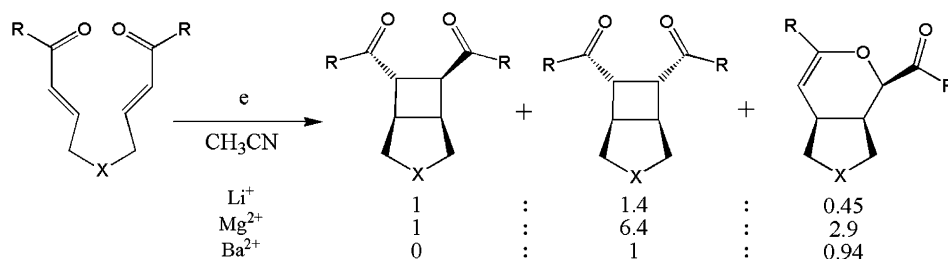


A concise enantioselective synthesis of (2*S*,3*S*)-3-hydroxyproline **1** starting from 1,4-butanediol using Sharpless asymmetric dihydroxylation and the regioselective nucleophilic opening of a cyclic sulfate as the key steps is described.

Dramatic effects of the electrolyte cation on the selectivity of electroreductive cycloaddition reactions of bis(enones)

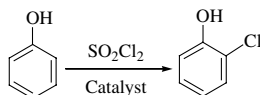
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Greg A. N. Felton and Nathan L. Bauld*

**i+**

Selective *ortho*-chlorination of phenol using sulfuryl chloride in the presence of *t*-butylaminomethyl polystyrene as a heterogeneous amine catalyst pp 8471–8473

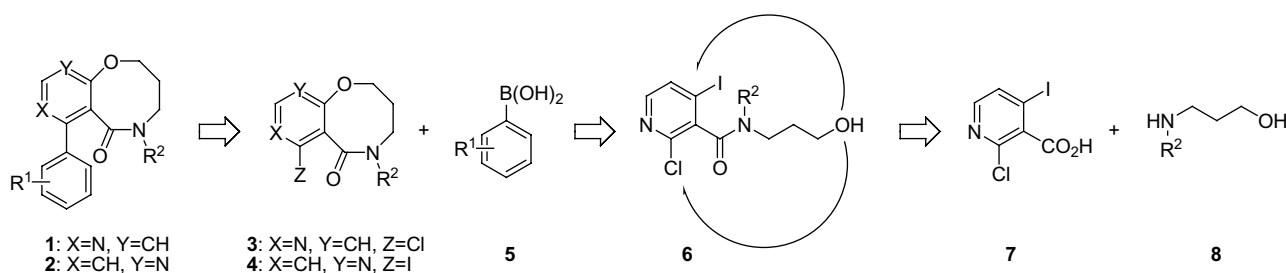
Jallal M. Gnaim* and Roger A. Sheldon



ortho-Chlorination of phenol with sulfuryl chloride in the presence of a *t*-butylaminomethyl polystyrene catalyst, proceeds in high conversion (~98%) and with high selectivity (~89%).

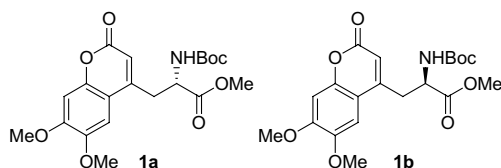
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Shigeki Seto*



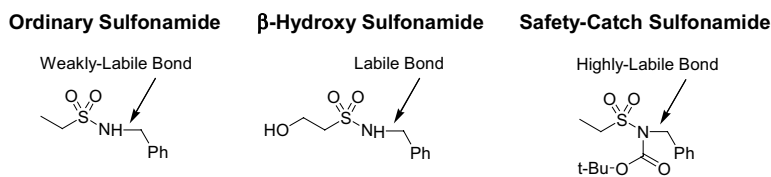
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Wei Wang* and Hao Li



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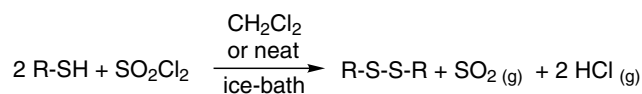
David C. Johnson, II and Theodore S. Widlanski*



A very simple method for the preparation of symmetrical disulfides

pp 8489–8491

Reko Leino* and Jan-Erik Lönnqvist



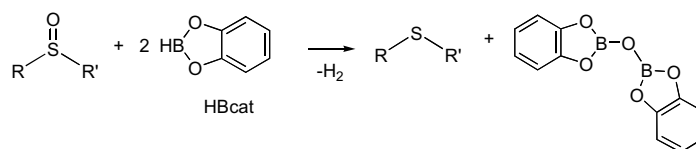
R = alkyl, aryl, hetaryl

Addition of sulfuryl chloride to an alkyl- or arylthiol in a 1:2 ratio under solvent free conditions or in CH_2Cl_2 solution produces the corresponding disulfides in nearly quantitative yields.

A gentle and efficient route for the deoxygenation of sulfoxides using catecholborane (HBcat; cat = 1,2-O₂C₆H₄)

pp 8493–8496

Daniel J. Harrison, Nga Chiu Tam, Christopher M. Vogels, Richard F. Langler, R. Thomas Baker,* Andreas Decken and Stephen A. Westcott*

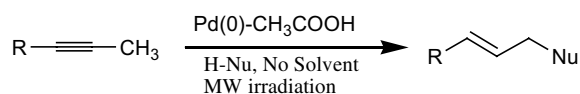


The addition of catecholborane (HBcat; cat = 1,2-O₂C₆H₄) to a wide range of sulfoxides affords the corresponding sulfides, dihydrogen, and catBOBcat.

**Microwave-enhanced Pd(0)/acetic acid catalyzed allylation reactions of C, N, and O-pronucleophiles with alkynes**

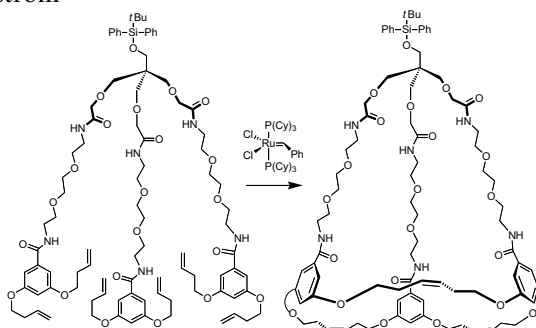
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Nitin T. Patil, F. Nawaz Khan and Yoshinori Yamamoto*

**Synthesis of a cryptand with tetrahedral connectivity using multiple ring-closing olefin metathesis**

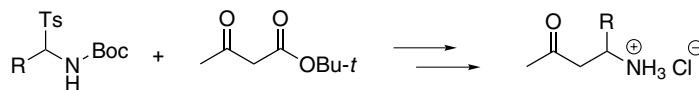
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Shiyue Fang and Donald E. Bergstrom*



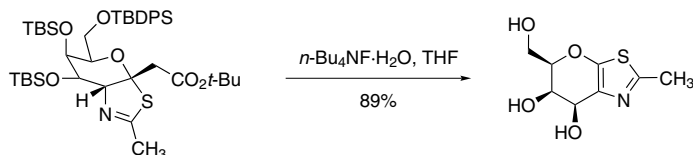
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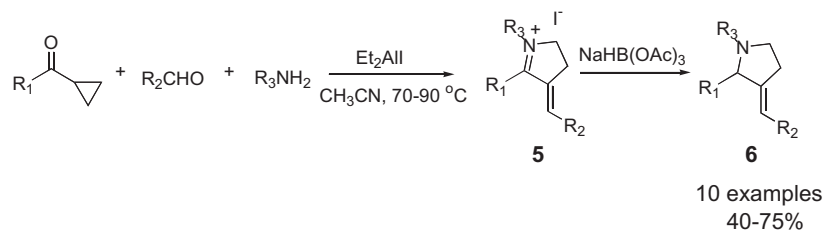
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 Spencer Knapp,* Benjamin Amorelli and George A. Doss

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 Wenwei Huang,* Mary-Margaret O'Donnell, Grace Bi, Jifeng Liu, Libing Yu,
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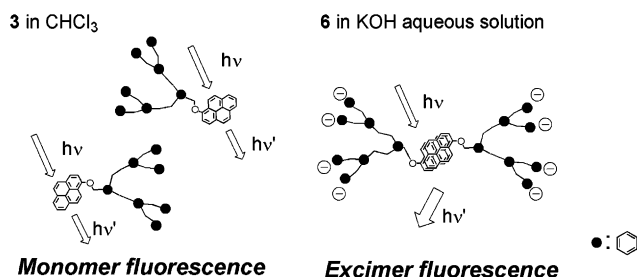
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Water-soluble poly(aryl ether) dendrimers as a potential fluorescent detergent to form micelles at very low CMC

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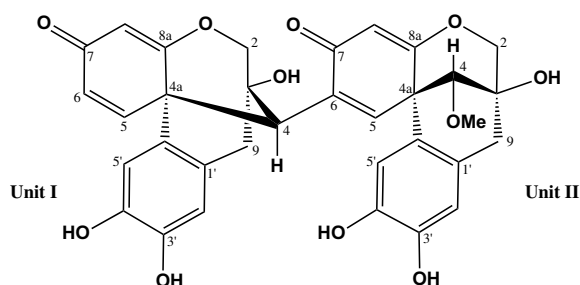
Masami Ogawa, Atsuya Momotake and Tatsuo Arai*



Neosappanone A, a xanthine oxidase (XO) inhibitory dimeric methanodibenzoxocinone with a new carbon skeleton from *Caesalpinia sappan*

pp 8519–8522

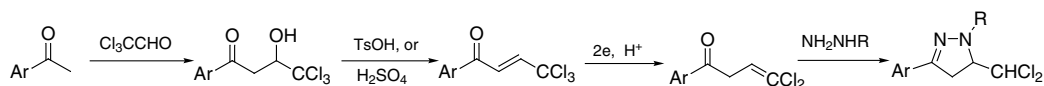
Mai Thanh Thi Nguyen, Suresh Awale, Yasuhiro Tezuka, Quan Le Tran and Shigetoshi Kadota*



First synthesis of 3-aryl-5-dichloromethyl-2-pyrazolines. The electrochemical generation of 2,2-dichlorovinylacetophenones as a key step

pp 8523–8526

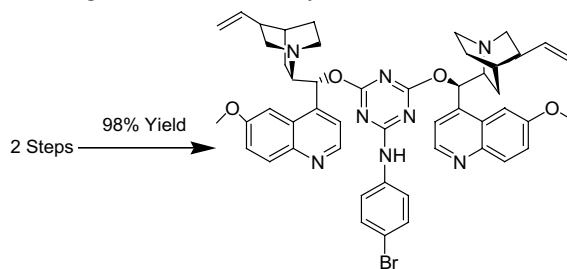
Antonio Guirado,* Bruno Martiz and Raquel Andreu



A triazine core for a new class of Sharpless asymmetric dihydroxylation ligands

pp 8527–8529

Catherine Anne McNamara, Frank King and Mark Bradley*

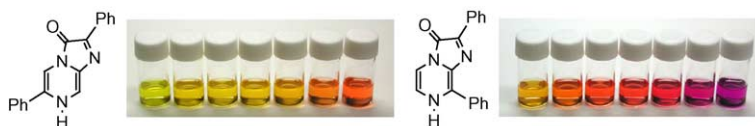


Sharpless asymmetric dihydroxylation ligands were synthesized using a triazine spacer group in two, high yielding steps and gave good enantioselectivities in the asymmetric dihydroxylation of alkenes.

Regioselective phenyl-substitution effects on the solvatochromism of 2-phenylimidazo[1,2-a]pyrazin-3(7H)-one derivatives: expansion of the color variation range of a visible indicator for the proton donor ability of solvents

pp 8531–8534

Shunsuke Fujio, Daisuke Hashizume, Yoshiharu Takamuki, Masanori Yasui, Fujiko Iwasaki, Shojiro Maki, Haruki Niwa, Hiroshi Ikeda and Takashi Hirano*

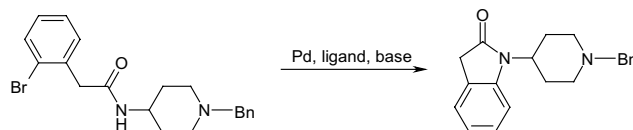


An indicator for the proton donor ability of solvents

A novel synthesis of *N*-(piperidin-4-yl)-1,3-dihydroindol-2-one via an intramolecular Pd-catalyzed amination

pp 8535–8537

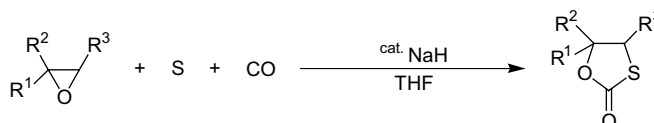
Adri van den Hoogenband,* Jack A. J. den Hartog, Jos H. M. Lange and Jan Willem Terpstra



A new method for the synthesis of 1,3-oxathiolan-2-ones by the reaction of epoxides with sulfur and carbon monoxide

pp 8539–8540

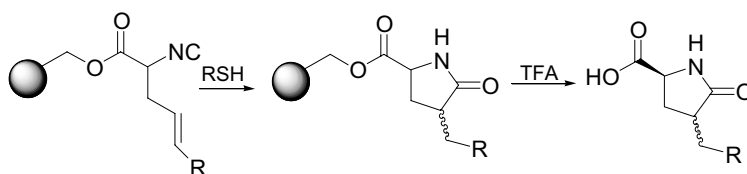
Yutaka Nishiyama,* Chisato Katahira and Noboru Sonoda*



Thiol-mediated free radical cyclisations of isocyanides on solid support

pp 8541–8543

Massimiliano Lamberto, David F. Corbett and Jeremy D. Kilburn*

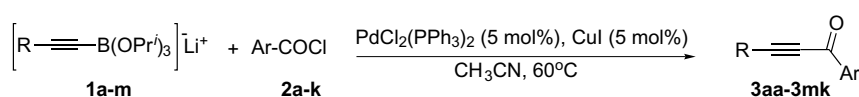


Polymer-supported isocyanides have been synthesised, from commercial Wang and HMBA-AM resins, and reacted under radical conditions with 2-mercaptoethanol and ethanethiol to give the corresponding pyrrolidine or pyroglutamic acid derivatives in good yields.

An efficient palladium-catalyzed coupling reaction of lithium alkynyltriisopropoxyborates with acid chlorides: a new access to synthesis of conjugated ynones

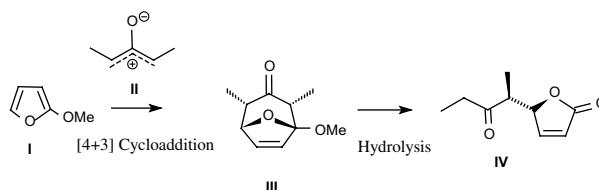
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Chang Ho Oh* and V. Raghava Reddy



C1–C2 cleavage of C1-functionalized 8-oxabicyclo-[3.2.1]-oct-6-en-3-one. Stereoselective preparation of 4-substituted butenolides pp 8549–8552

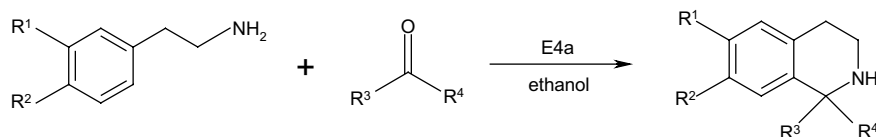
Ángel M. Montaña,* Francisca García and Consuelo Batalla



4-(1-Methyl-2-oxo-butyl)-2-butenolide **IV** and the corresponding saturated γ -lactones are interesting synthetic building blocks of biologically active natural products and were synthesized by acidic hydrolysis of 1-methoxy-8-oxabicyclo[3.2.1]oct-6-en-3-one **III**, via a cleavage at the C1–C2 bond by an intramolecular reverse Dieckmann process.

One-step preparation of 1-substituted tetrahydroisoquinolines via the Pictet–Spengler reaction using zeolite catalysts pp 8553–8555

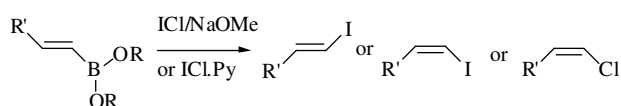
Adrienn Hegedüs and Zoltán Hell*



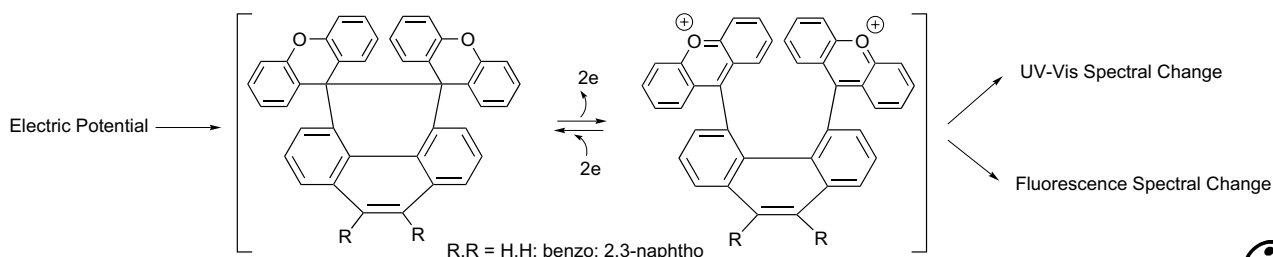
A new, one-step variation of the Pictet–Spengler reaction has been elaborated using a small pore size zeolite as the catalyst.

On the mechanism and origin of the stereoselectivity in iodo-deboronation and chloro-deboronation of hindered alkenyl boronate esters using either ICl–NaOMe or ICl–pyridine pp 8557–8561

Andrew P. Lightfoot, Steven J. R. Twiddle and Andrew Whiting*


Dynamic redox systems based on bis(spiroanthene)-type donors with a polycyclic aromatic hydrocarbon: preparation, X-ray structures, and electrochromic response with fluorescence change pp 8563–8567

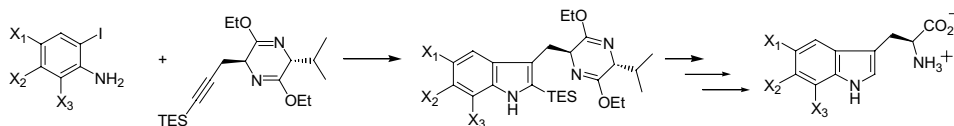
Takanori Suzuki,* Shoko Tanaka, Hiroki Higuchi, Hidetoshi Kawai and Kenshu Fujiwara



Synthesis of optically active ring-A substituted tryptophans as IDO inhibitors

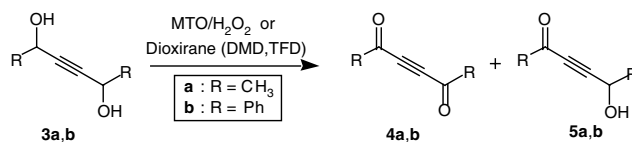
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Xiaoyan Li, Wenyan Yin, P. V. V. Srirama Sarma, Hao Zhou, Jun Ma and James M. Cook*

**Selective oxidation of acetylenic 1,4-diols with dioxiranes in comparison with the methyltrioxorhenium–hydrogen peroxide oxidant**

pp 8575–8578

Lucia D'Accolti, Michele Fiorentino, Caterina Fusco, Pasquale Crupi and Ruggero Curci*

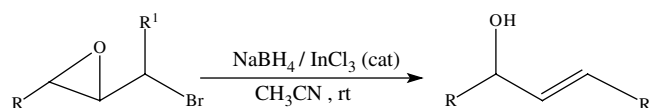


Dimethyldioxirane (DMD) and its trifluoro analog (TFD) were employed to achieve selectively the direct transformation of diol **3a** and of diol **3b** into the corresponding carbonyls. The results are compared with oxidations using methyltrioxorhenium (MTO)/85% H₂O₂.

**Selective reductive cleavage of 2,3-epoxybromides by the InCl₃–NaBH₄ reagent system**

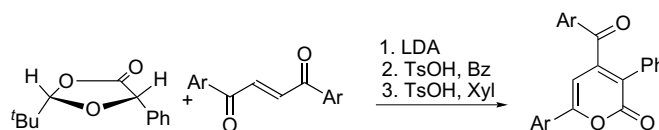
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Brindaban C. Ranu,* Subhash Banerjee and Arijit Das

**Novel 2-pyrone synthesis via Michael addition of mandelic acid enolate to *trans*-1,2-diaroylethenes**

pp 8583–8586

Santiago Barroso, Gonzalo Blay, Isabel Fernández and José R. Pedro*

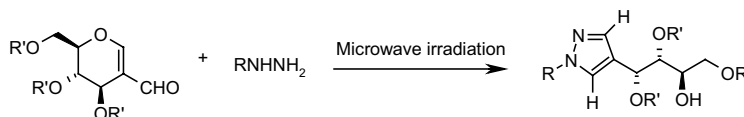


4-Aroyl-6-aryl-3-phenyl-2-pyrones are synthesized from a mandelic acid dioxolanone.

Rapid and efficient synthesis of optically active pyrazoles under solvent-free conditions

pp 8587–8590

J. S. Yadav,* B. V. S. Reddy, G. Satheesh, P. Naga Lakshmi, S. Kiran Kumar and A. C. Kunwar

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*Corresponding author

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