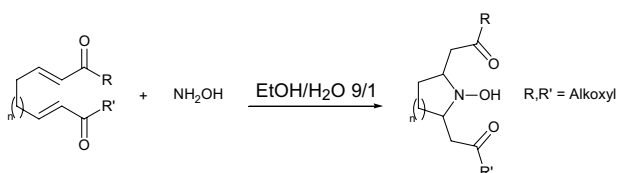


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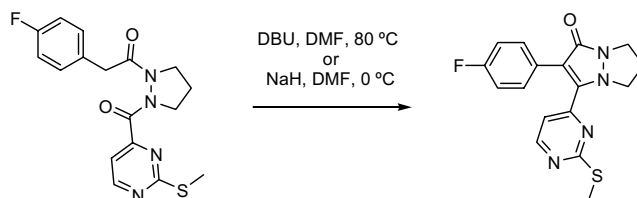
- Facile synthesis of  $\alpha,\alpha'$  disubstituted *N*-hydroxypyrrolidines and *N*-hydroxypiperidines via double 1,4-addition of hydroxylamine** pp 3191–3193

Frédéric C. Bargiggia and William V. Murray\*



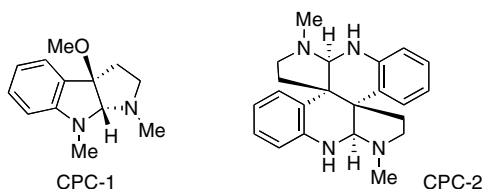
- Convergent synthesis of 2,3-bisarylpyrazolones through cyclization of bisacylated pyrazolidines and hydrazines** pp 3195–3198

Todd A. Brugel,\* Tomas Hudlicky, Michael P. Clark, Adam Golebiowski, Mark Sabat, Mary Ann A. Endoma, Vu Bui, David Adams, Matthew J. Lauffersweiler, Jennifer A. Maier, Roger G. Bookland and Biswanath De



- Two new tryptamine-derived alkaloids from *Chimonanthus praecox* f. *concolor*** pp 3199–3202

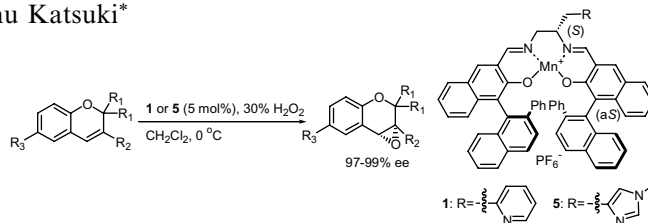
Mariko Kitajima, Ikue Mori, Kazumichi Arai, Noriyuki Kogure and Hiromitsu Takayama\*



### Asymmetric epoxidation using aqueous hydrogen peroxide as oxidant: bio-inspired construction of pentacoordinated Mn–salen complexes and their catalysis

pp 3203–3207

Hiroaki Shitama and Tsutomu Katsuki\*

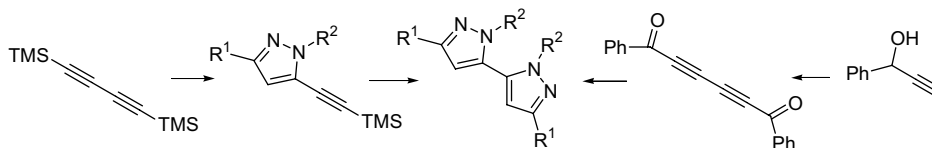


Pentacoordinated Mn–salen complexes **1** and **5** possessing an internal pyridine or *N*-methylimidazole ligand, respectively, were found to be efficient catalysts for asymmetric epoxidation of conjugated *Z*-olefins using aqueous hydrogen peroxide, in particular, the epoxidation of chromene derivatives proceeded with high enantioselectivity greater than or equal to 97% ee.

### Synthesis of linked heterocycles via use of bis-acetylenic compounds

pp 3209–3212

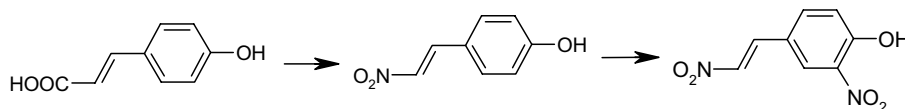
Christopher D. Smith, Kirill Tchabanenko, Robert M. Adlington\* and Jack E. Baldwin



### Cold microwave chemistry: synthesis using pre-cooled reagents

pp 3213–3215

Ajay K. Bose,\* Subhendu N. Ganguly, Maghar S. Manhas, William He and Jeffrey Speck

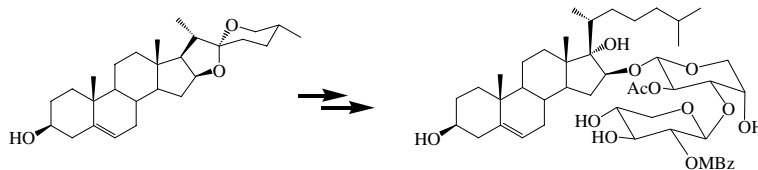


Selective nitrations of 4-hydroxycinnamic acid under microwave irradiation are discussed.

### A highly efficient synthesis of 22-deoxy-OSW-1 by utilizing the intact skeleton of diosgenin

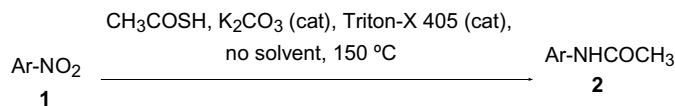
pp 3217–3219

Hong-Jian Qin, Wei-Sheng Tian\* and Cui-Wu Lin



**Eco-friendly reductive acetamidation of aryl nitro compounds by thioacetate anion through in situ catalytic regeneration: application in the synthesis of Acetaminophen™** pp 3221–3223

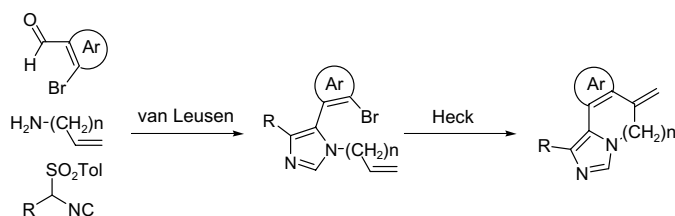
Apurba Bhattacharya,\* Victor Suarez, Victoriano Tamez, Jr. and Jiejun Wu



A novel one-step reductive acetamidation of aryl nitro compounds mediated by thioacetate anion in thioacetic acid via in situ catalytic regeneration was developed and applied to an efficient synthesis of Acetaminophen™.

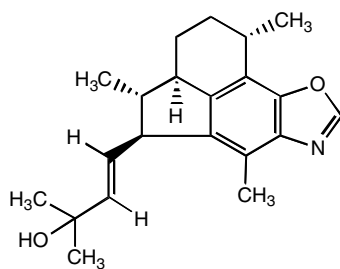
**Synthesis of fused imidazo-pyridine and -azepine derivatives by sequential van Leusen/Heck reactions** pp 3225–3228

Xenia Beebe,\* Vijaya Gracias and Stevan W. Djuric



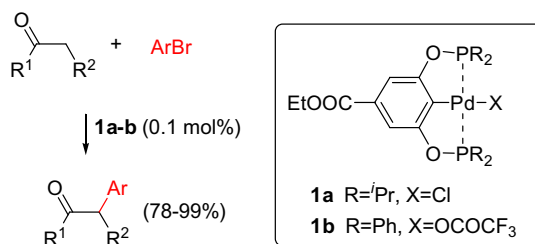
**Ileabethoxazole: a novel benzoxazole alkaloid with antimycobacterial activity** pp 3229–3232

Ileana I. Rodríguez, Abimael D. Rodríguez,\* Yuehong Wang and Scott G. Franzblau



**PCP-Bis(phosphinite) pincer complexes: new homogeneous catalysts for α-arylation of ketones** pp 3233–3237

Fátima Churruca, Raul SanMartin,\* Imanol Tellitu and Esther Domínguez\*

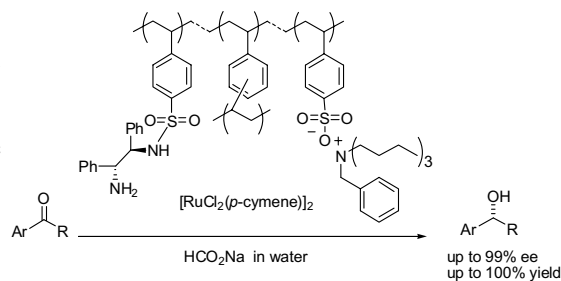


**Design of novel polymer-supported chiral catalyst for asymmetric transfer hydrogenation in water**

pp 3239–3243

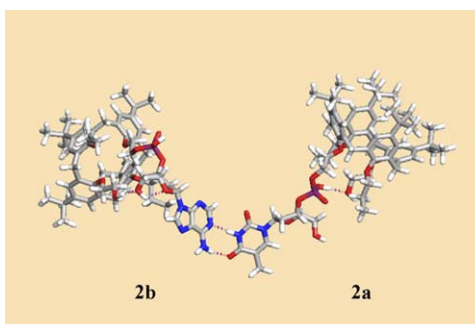
Yukihiro Arakawa, Naoki Haraguchi and Shinichi Itsuno\*

Polystyrene containing sulfonated pendant groups has been developed as a new type of polymer-support suitable for its use in aqueous media. The sulfonated polymer-supported chiral catalyst (see scheme) was successfully used for asymmetric transfer hydrogenation of aromatic ketones in water.

**Novel nucleotide–calixarene conjugates via phosphoester linkage**

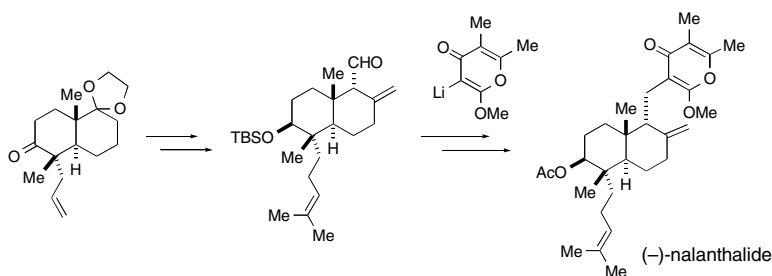
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Grazia M. L. Consoli,\* Giuseppe Granata, Eva Galante, Francesca Cunsolo and Corrada Geraci\*

**Convergent and enantioselective total synthesis of (–)-nalanthalide, a potential Kv1.3 blocking immunosuppressant**

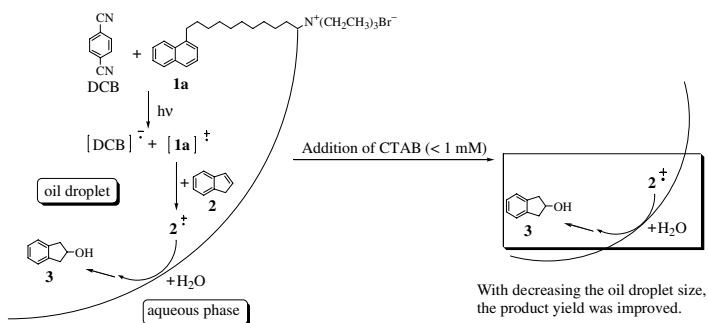
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Toshiaki Abe, Katsuhiko Iwasaki, Munenori Inoue, Takeyuki Suzuki, Kazuhiro Watanabe and Tadashi Katoh\*

**Redox-photosensitized reaction of indene using photosensitive surfactant in emulsion: dependence on oil droplet size and surfactant charge**

pp 3257–3260

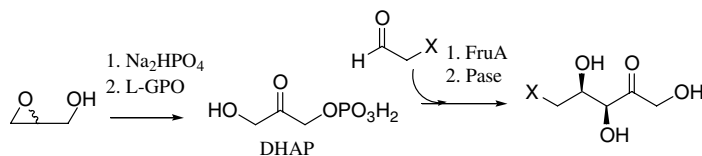
Yasuharu Yoshimi,\* Tatsuya Itou and Minoru Hatanaka\*



**An efficient chemoenzymatic route to dihydroxyacetone phosphate from glycidol for the in situ aldolase-mediated synthesis of monosaccharides**

pp 3261–3263

Franck Charmantray, Phillippe Dellis, Soth Samreth and Laurence Hecquet\*



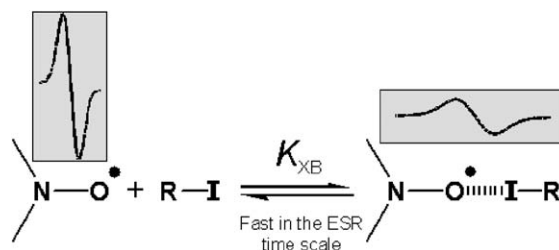
A new two-step procedure using inexpensive *rac*-glycidol to obtain valuable dihydroxyacetone phosphate (DHAP), a building block for the synthesis of monosaccharide analogues.



**Noncovalent paramagnetic complexes: detection of halogen bonding in solution by ESR spectroscopy**

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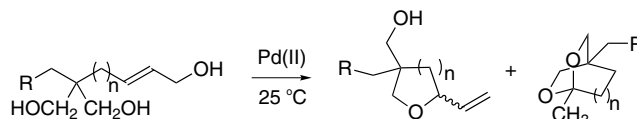
Veronica Mugnaini, Carlo Punta, Rosalba Liantonio, Pierangelo Metrangolo, Francesco Recupero, Giuseppe Resnati, Gian Franco Pedulli and Marco Lucarini\*



**An unexpected palladium-catalyzed cyclization of bis-hydroxy allylic alcohols to dioxabicyclo[2.2.2]octanes**

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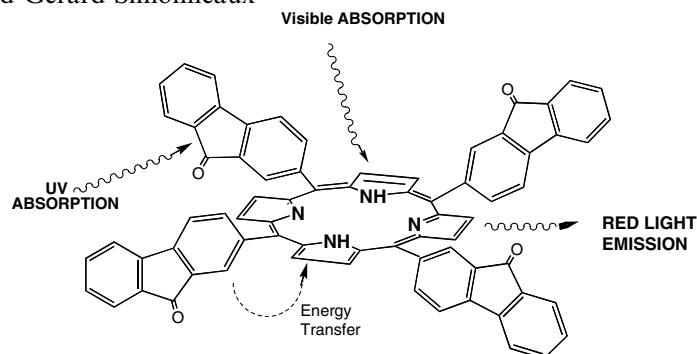
Anna Zawisza and Denis Sinou\*



**Porphyryns with fluorenyl and fluorenone pendant arms**

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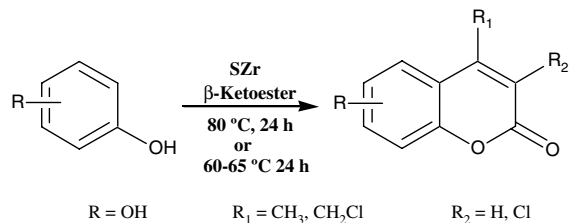
Christine O. Paul-Roth\* and Gérard Simonneaux



**Sulfated zirconia, a mild alternative to mineral acids in the synthesis of hydroxycoumarins**

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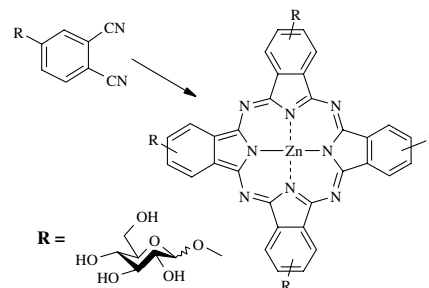
Juan Carlos Rodríguez-Domínguez and Gilbert Kirsch\*

**The first example of anomeric glycoconjugation to phthalocyanines**

pp 3283–3286

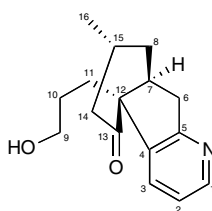
Xavier Alvarez-Mico, Mario J. F. Calvete, Michael Hanack\* and Thomas Ziegler\*

Preparation and characterization of peripherally glucose substituted zinc(II) phthalocyanines (Pc), linked via the anomeric carbon through a novel glycosidation method is reported for the first time. The Pc was formed in good yield and displays high solubility in water.

**Lycopladine A, a new C<sub>16</sub>N alkaloid from *Lycopodium complanatum***

pp 3287–3289

Kan'ichiro Ishiuchi, Takaaki Kubota, Hiroshi Morita and Jun'ichi Kobayashi\*

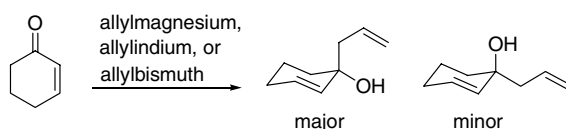


Lycopladine A

**The stereochemistry of 1,2-additions of allylmagnesium, allylindium, and allylbismuth to cyclohexenones**

pp 3291–3294

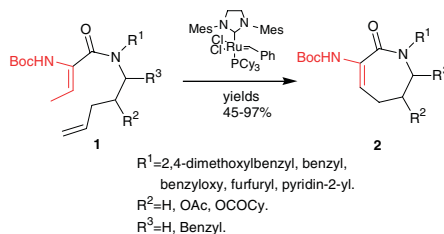
Liang Zhao and D. Jean Burnell\*



**Facile synthesis of versatile functionalized amino caprolactams using RCM reactions of  $\alpha$ -amino acrylamide**

pp 3295–3298

Gang Liu, Wan-Yi Tai, Yu-Lin Li and Fa-Jun Nan\*

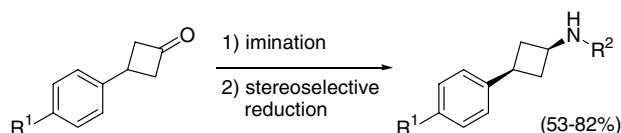


An efficient synthetic methodology allowing access to functionalized  $\alpha$ -amino caprolactams using ring-closing metathesis (RCM), a very high tolerance of  $\alpha$ -amino acrylamide RCM precursors toward functional groups is demonstrated.

**Stereoselective reduction of *N*-(3-arylcyclobutylidene)amines**

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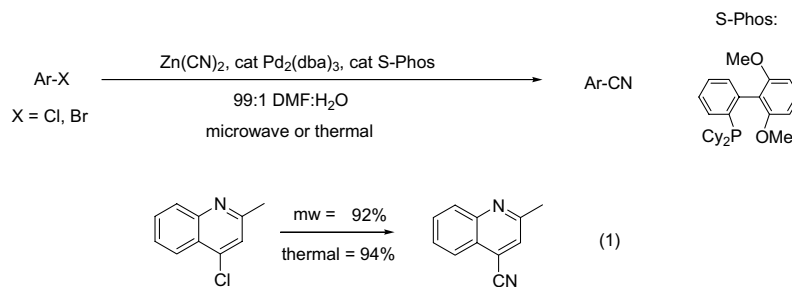
Guido Verniest, Sven Claessens and Norbert De Kimpe\*



**A facile microwave-assisted palladium-catalyzed cyanation of aryl chlorides**

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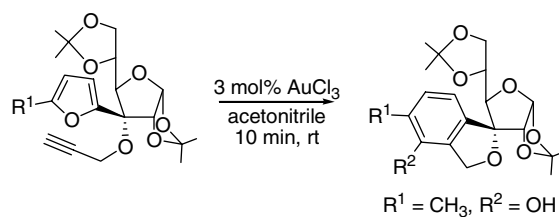
Harry R. Chobanian,\* Brett P. Fors and Linus S. Lin



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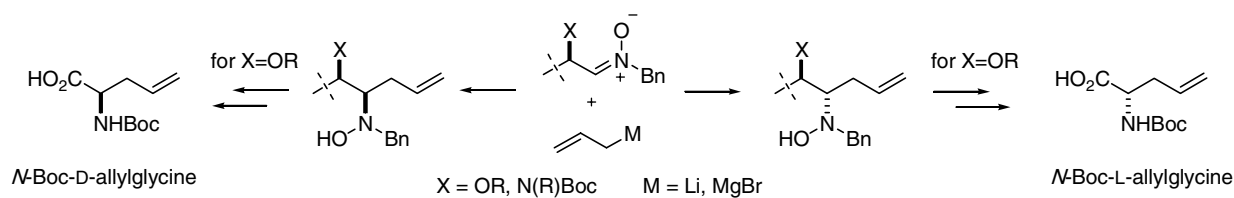
Sushil K. Maurya and Srinivas Hotha\*



**High stereocontrol in the allylation of chiral non-racemic  $\alpha$ -alkoxy and  $\alpha$ -amino nitrones**

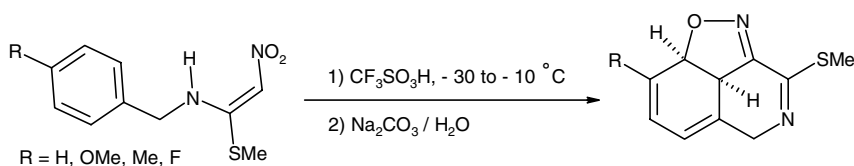
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Pedro Merino,\* Ignacio Delso, Vanni Mannucci and Tomas Tejero

**One-step synthesis of diazadihydroacenaphthylene derivatives with an isoxazoline ring, starting from 1-benzylamino-1-methylsulfanyl-2-nitroethenes**

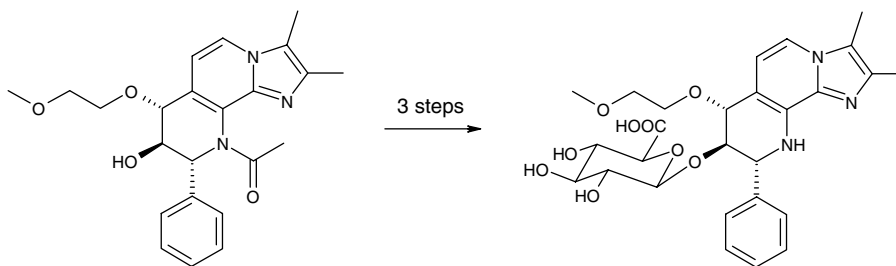
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Yaya Soro, Fanté Bamba, Sorho Siaka and Jean-Marie Coustard\*

**Glucuronide conjugates of Soraprazan (BY359), a new potassium-competitive acid blocker (P-CAB) for the treatment of acid-related diseases**

pp 3321–3323

Jörg Senn-Bilfinger,\* John R. Ferguson, Michael A. Holmes, Keith W. Lumbard, Reinhard Huber, Karl Zech, Rolf-Peter Hummel and Peter J. Zimmermann






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\*Corresponding author

+ Supplementary data available via ScienceDirect



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