

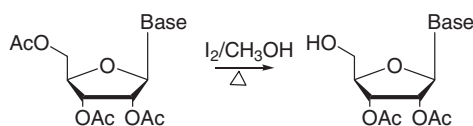
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### COMMUNICATIONS

**Selective deacetylation using iodine–methanol reagent in fully acetylated nucleosides**

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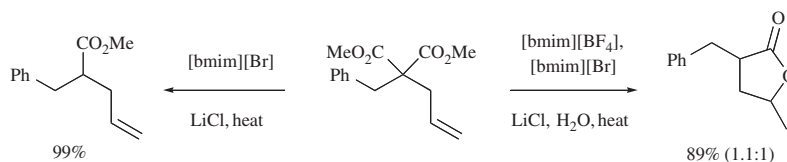
Bo Ren, Li Cai, Liang-Ren Zhang, Zhen-Jun Yang and Li-He Zhang\*



**Combined dealkoxycarbonylation and lactonisation of unsaturated malonates in ionic liquids**

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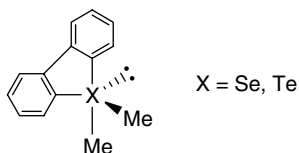
Magalie F. Oswald, Andrew F. Parsons,\* Wei Yang and Martin Bowden



**Generation and detection of tellurane [10–Te–4(C4)] and selenurane [10–Se–4(C4)] having alkyl and aryl ligands**

pp 8091–8093

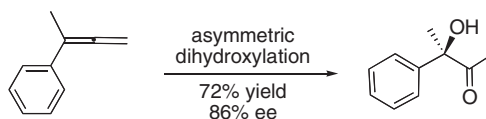
Soichi Sato,\* Makoto Matsuo, Tsukasa Nakahodo, Naomichi Furukawa and Tatsuya Nabeshima\*



**Asymmetric dihydroxylation of disubstituted allenes**

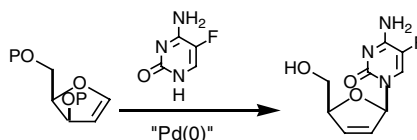
pp 8095–8098

Steven A. Fleming,\* Renmao Liu and J. Ty Redd

**Synthesis of D-D4FC, a biologically active nucleoside via an unprecedented palladium mediated Ferrier rearrangement-type glycosidation with an aromatization prone xylo-furanoid glycal**

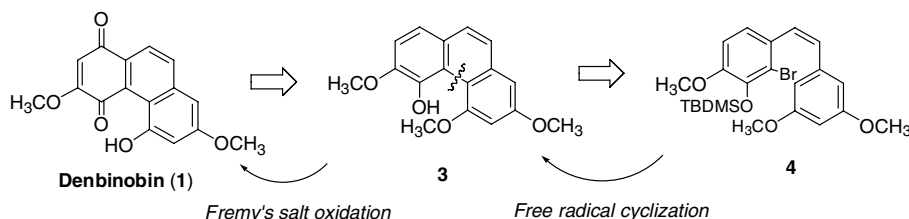
pp 8099–8102

Anusuya Choudhury,\* Michael E. Pierce,\* Dieu Nguyen, Louis Storace and Pat N. Confalone

**A concise synthesis of denbinobin**

pp 8103–8104

Yu-Chieh Wang, Chien-Huang Lin, Chi-Ming Chen\* and Jing-Ping Liou\*

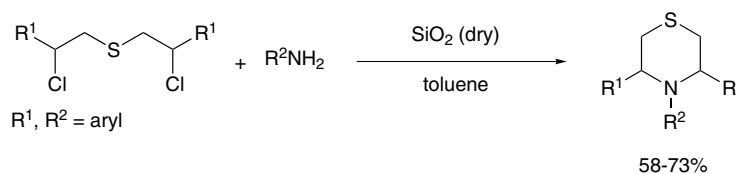


Starting from commercially available 3,5-dimethoxybenzyl bromide (**6**) and 2-bromoisovanillin (**5**), a synthesis of denbinobin (**1**) was achieved in seven steps. The free radical cyclization and Fremy's salt oxidation were key steps.

**Silica gel-promoted synthesis of 3,4,5-triaryltetrahydro-1,4-thiazine derivatives from  $\beta,\beta'$ -dichloro sulfides and aromatic amines**

pp 8105–8108

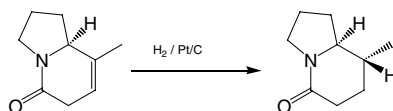
Masatoshi Mihara, Takatoshi Ito, Yoshio Ishino,\* Yoji Oderaotoshi, Satoshi Minakata and Mitsuo Komatsu\*



**Stereoselective synthesis of (8*R*,8*aS*)-8-methylhexahydroindolizin-5-one**

pp 8109–8111

Paul Armstrong, Gavin O'Mahony, Paul J. Stevenson\* and Andrew D. Walker

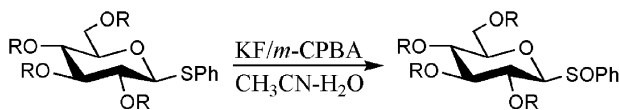


Both catalytic and diimide reduction of dihydroindolizidinone proceed preferentially from the *endo*-face giving rapid entry to the title compound.

**Fast and selective oxidation of thioglycosides to glycosyl sulfoxides using KF/*m*-CPBA**

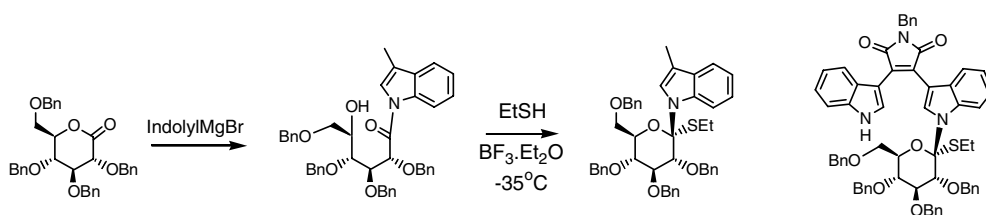
pp 8113–8116

Geetanjali Agnihotri and Anup Kumar Misra\*

**An amide orthoesterification route to *N*-(1'-alkylthioglucopyranosyl)indoles**

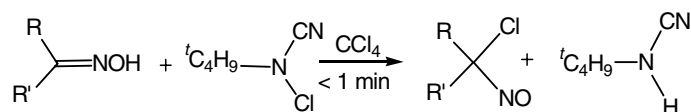
pp 8117–8120

Tahar Belhadj and Peter G. Goekjian\*

***N*-tert-Butyl-*N*-chlorocyanamide: a new reagent for the efficient preparation of *gem*-chloronitroso compounds**

pp 8121–8123

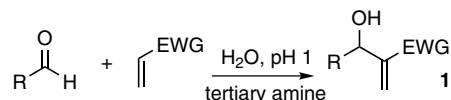
Vinod Kumar and M. P. Kaushik\*



**Baylis–Hillman reactions in aqueous acidic media**

pp 8125–8127

Prakashanand Caumul and Helen C. Hailes\*

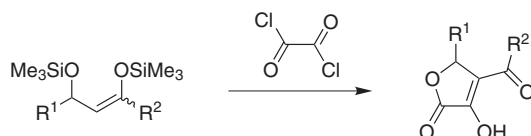


The Baylis–Hillman reaction has been successfully carried out in water at pH 1 using a range of tertiary amines.

**Synthesis of isotetronic acids by cyclization of 1,3-bis(trimethylsilyloxy)alk-1-enes with oxalyl chloride**

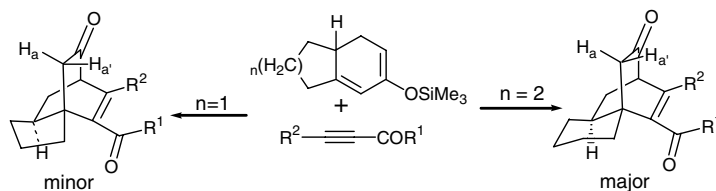
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Rüdiger Dede, Lars Michaelis and Peter Langer\*

**Importance of steric factors in face-selective cycloadditions: 1,6-annulated cyclohexa-1,3-dienes**

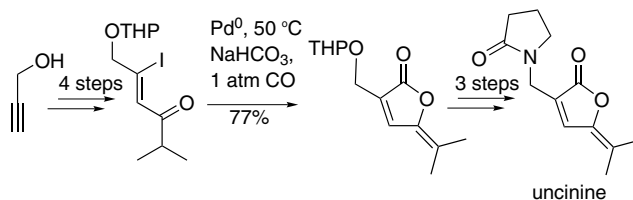
pp 8133–8136

Saswati Lahiri,\* Somnath Yadav, Mithu Chanda, Indrajit Chakraborty, Krishna Chowdhury, Monika Mukherjee,\* Angshuman Roy Choudhury and Tayur N. Guru Row\*

**Carbonylative lactonization via carbonyl oxygen attack: a short and selective total synthesis of uncinine and its analogues**

pp 8137–8140

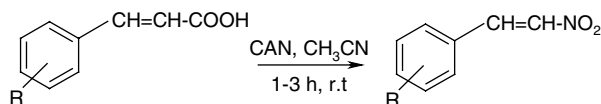
Helena Fáková, Milan Pour,\* Jiří Kuneš and Petr Šenel



**An efficient synthesis of conjugated nitro-olefins using ceric ammonium nitrate**

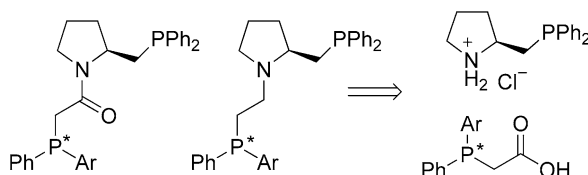
pp 8141–8143

A. Sridhar Rao, P. V. Srinivas, K. Suresh Babu and J. Madhusudana Rao\*

**Synthesis of *P*-chirogenic diarylphosphinoacetic acids and their proline derivatives for palladium-catalysed allylic alkylation reactions**

pp 8145–8148

Hubert Lam, Peter N. Horton, Michael B. Hursthouse, David J. Aldous and King Kuok (Mimi) Hii\*

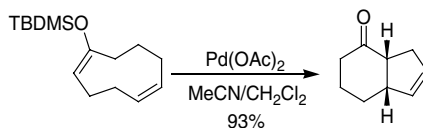


The synthesis of *P*-chirogenic diarylphosphinocarboxylic acids was achieved, from which a new class of amido- and amino-diphosphine ligands (PNP\*) were derived, containing an L-proline backbone. The catalytic activities of the novel ligands were evaluated in the palladium-catalysed allylic alkylation reaction of 1,3-diphenylpropenyl acetate.

**Palladium-mediated transannular cyclizations of medium-ring olefinic enolsilanes**

pp 8149–8152

Andrew S. Kende,\* Clara E. Mota Nelson and Sébastien Fuchs

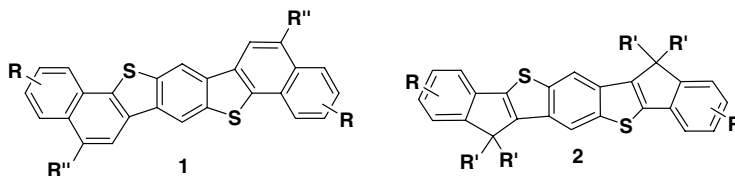


Medium-ring olefinic ketone and lactone enolsilanes were subjected to palladium(II)-mediated cycloalkenylation conditions.

**Linear *C*<sub>2</sub>-symmetric polycyclic benzodithiophene: efficient, highly diversified approaches and the optical properties**

pp 8153–8157

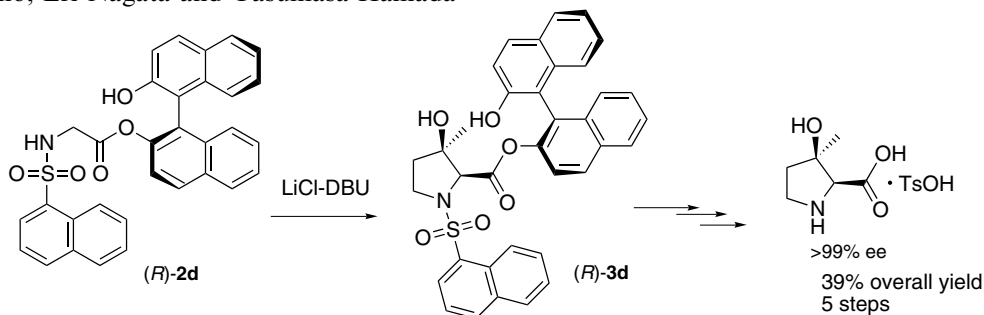
Cui-Hua Wang, Rong-Rong Hu, Shuang Liang, Jia-Hua Chen, Zhen Yang\* and Jian Pei\*



**Practical synthesis of (2*S*,3*R*)-3-hydroxy-3-methylproline, a constituent of papuamides, using a diastereoselective tandem Michael-aldol reaction**

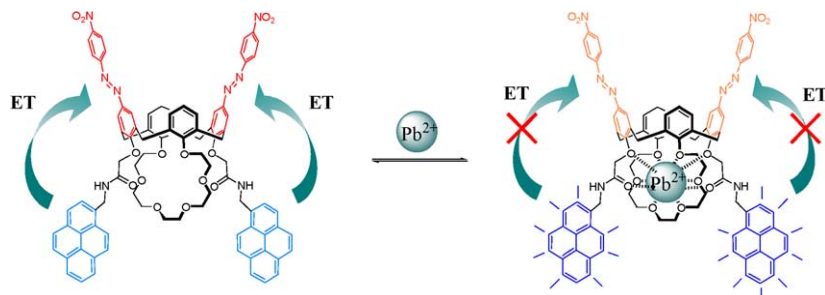
pp 8159–8162

Kazuishi Makino, Eri Nagata and Yasumasa Hamada\*


**Calix[4]crown in dual sensing functions with FRET**

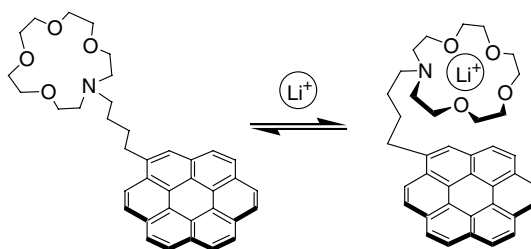
pp 8163–8167

Seoung Ho Lee, Sung Kuk Kim, Ju Han Bok, Suh Hyun Lee, Juyoung Yoon, Kilsung Lee and Jong Seung Kim\*


 **$\text{Li}^+ \dots \pi$  interaction in coronene–azacrown ether system**

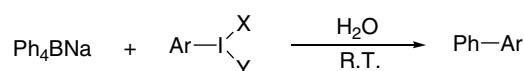
pp 8169–8172

Hiroyuki Takemura\* and Katsuya Sako

i<sup>+</sup>
**An efficient catalyst- and base-free Suzuki-type coupling reaction**

pp 8173–8175

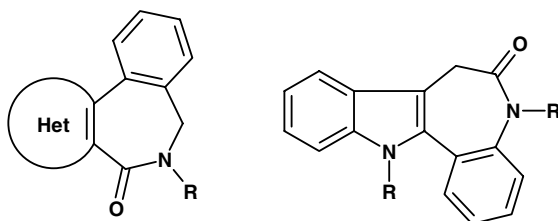
Jie Yan,\* Zhongshi Zhou and Min Zhu



**Synthesis of fused heterocycles with a benzazepinone moiety via intramolecular Heck coupling**

pp 8177–8179

Lionel Joucla, Aurélien Putey and Benoît Joseph\*

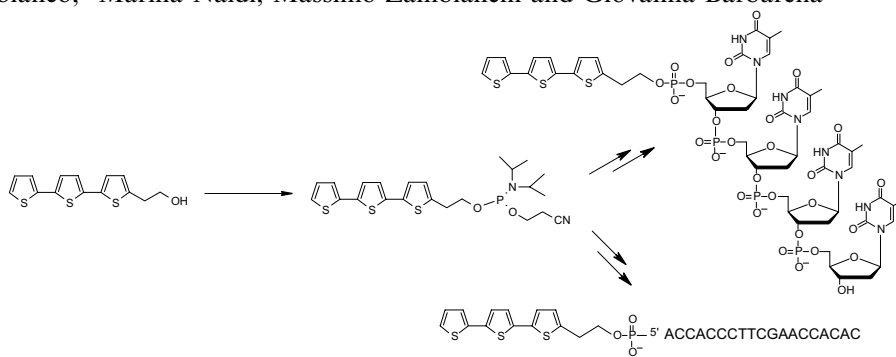


The preparation of fused heterocycles with a benzazepinone moiety was realised via an intramolecular Heck coupling reaction. This methodology allowed the synthesis of the pyrrolo[2,3-*c*]azepinone core and Paullone derivatives.

**Oligothiophene phosphoramidites for oligonucleotide labelling**

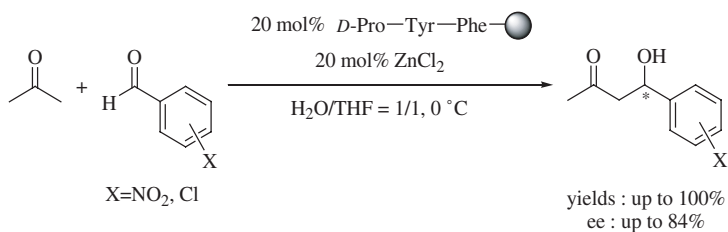
pp 8181–8184

Massimo L. Capobianco,\* Marina Naldi, Massimo Zambianchi and Giovanna Barbarella

**Direct asymmetric aldol reaction in aqueous media using polymer-supported peptide**

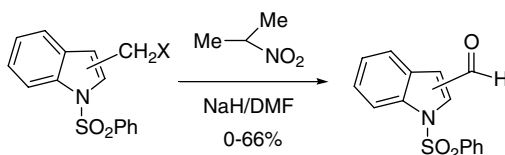
pp 8185–8187

Kengo Akagawa, Seiji Sakamoto and Kazuaki Kudo\*

**A facile preparation of *N*-protected indolaldehydes using a modified Hass procedure**

pp 8189–8193

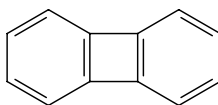
Arasambattu K. Mohanakrishnan,\* Ramalingam Balamurugan and Neelamegam Ramesh



**A convenient synthesis of biphenylene**

Thomas Schaub and Udo Radius\*

pp 8195–8197

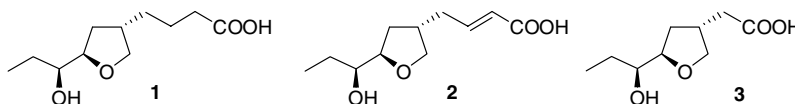


An efficient one-pot reaction for the synthesis of biphenylene **1** starting from biphenyl is reported.

**Stereoselective synthesis of *ent*-communiols A–C**

Juan Murga,\* Eva Falomir, Miguel Carda and J. Alberto Marco

pp 8199–8202

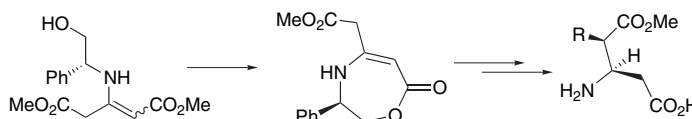


The first total synthesis of the enantiomers of the fungal metabolites communiols A–C is reported. A stereochemical misassignment has been corrected and the absolute configurations of the natural products have been established as **1–3**, respectively.

**Enantioselective synthesis of  $\beta$ -amino-diacids**

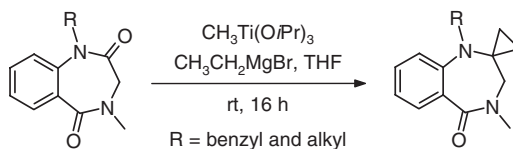
Jeanne Alladoun and Luc Dechoux\*

pp 8203–8205

**Cyclopropanation of 3,4-dihydro-1*H*-benzo[*e*][1,4]diazepine-2,5-diones**

Oliver Lack and Rainer E. Martin\*

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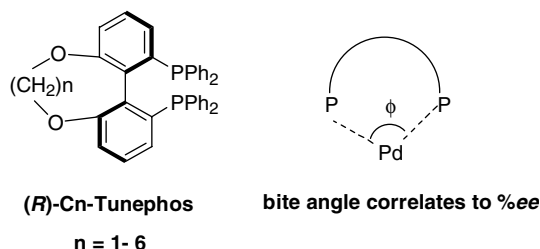




**A correlation study of bisphosphine ligand bite angles with enantioselectivity in Pd-catalyzed asymmetric transformations**

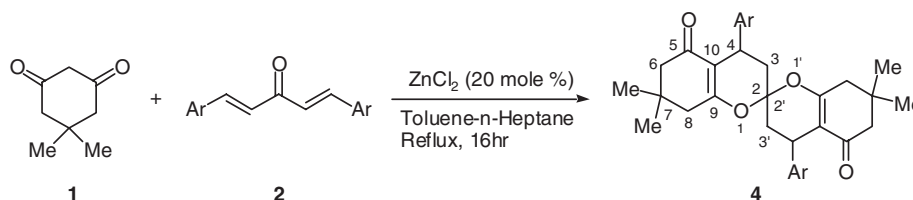
pp 8213–8216

Malati Raghunath and Xumu Zhang\*

**A facile synthesis of fused spiroketal skeleton: 2,2'-spirobi(4-aryl-7,7-dimethyl-5-oxo-5,6,7,8-tetrahydrochroman)**

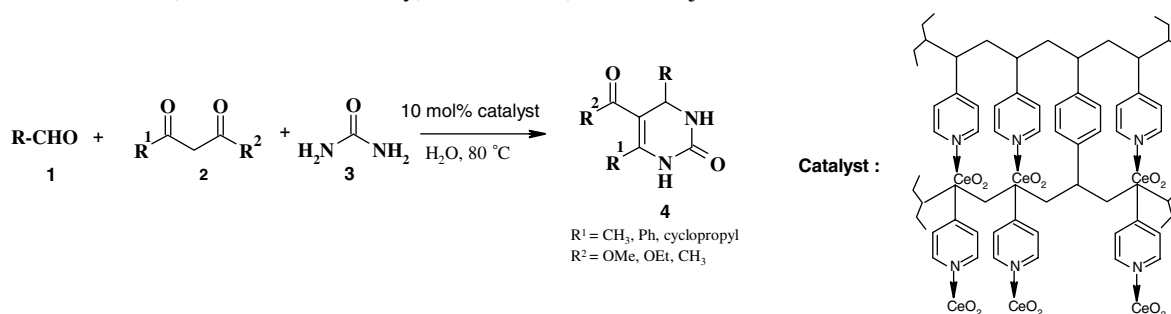
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M. Giasuddin Ahmed,\* Syeda A. Ahmed, Md. Khabir Uddin, Md. Taifur Rahman, U. K. R. Romman, Mizue Fujio\* and Yoshisuke Tsuda

**Ceria/vinylpyridine polymer nanocomposite: an ecofriendly catalyst for the synthesis of 3,4-dihydropyrimidin-2(1*H*)-ones**

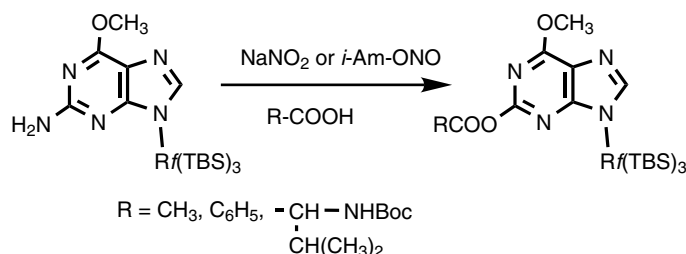
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Gowravaram Sabitha,\* K. Bhaskar Reddy, J. S. Yadav, D. Shailaja\* and K. Samba Sivudu

**Reaction of O6-methylguanosine with nitrite in the presence of carboxylic acid: synthesis of the purin-2-yl carboxylate**

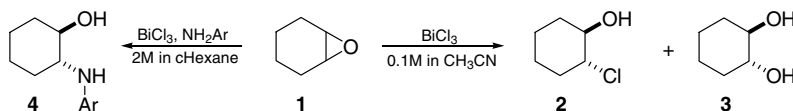
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Tokumi Maruyama,\* Nobuyasu Moriwaka, Yosuke Demizu and Masami Ohtsuka



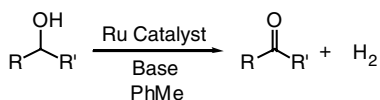
**BiCl<sub>3</sub>-mediated opening of epoxides, a facile route to chlorohydrins or amino alcohols:  
one reagent, two paths**

pp 8229–8232

 Adam McCluskey,\* Sarah K. Leitch, James Garner, Christine E. Caden, Timothy A. Hill, Luke R. Odell  
and Scott G. Stewart

**Oxidant-free oxidation: ruthenium catalysed dehydrogenation of alcohols**

pp 8233–8235

Gareth R. A. Adair and Jonathan M. J. Williams\*

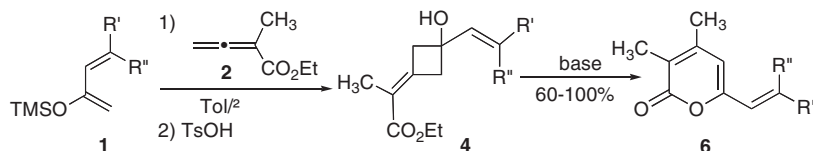


Ruthenium catalysts were employed for the oxidation of alcohols into ketones without the addition of an oxidant.

**Formation of 3,4-dimethyl-2-pyrones from allene carboxylates and 2-silyloxydienes via  
3-carboethoxyethylidene cyclobutanols**

pp 8237–8240

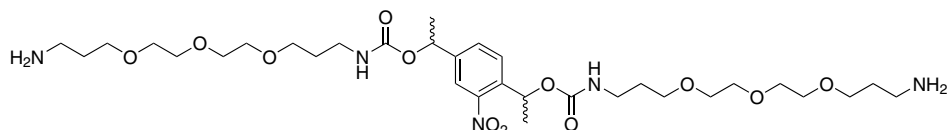
Michael E. Jung\* and Aaron R. Novack


 Base treatment of the cyclobutanols **4** (made from **1** and **2**) affords good yields of the substituted 3,4-dimethyl-2-pyrones **6**.

**Synthesis of a new hydrophilic *o*-nitrobenzyl photocleavable linker suitable for use in  
chemical proteomics**

pp 8241–8244

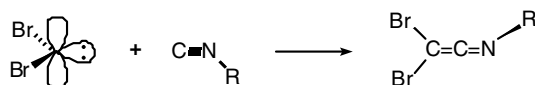
Andrew M. Piggott and Peter Karuso\*



**A probe method for studying dibromocarbene by time resolved infrared spectroscopy**

pp 8245–8247

George Holinga and Matthew S. Platz\*

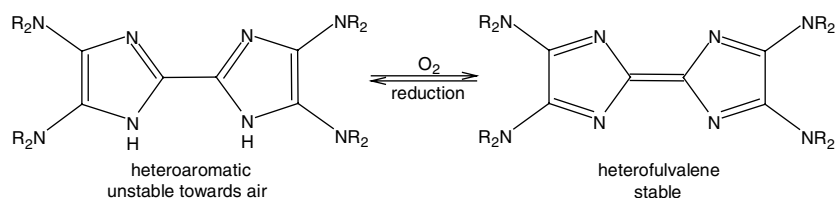


Dibromocarbene reacts with *tertiary*-butyl isocyanate to form a ketenimine that is readily monitored by time-resolved IR spectroscopy.

**The redox behaviour of cyclic tetraaminoethenes derived from 2,2'-biimidazole**

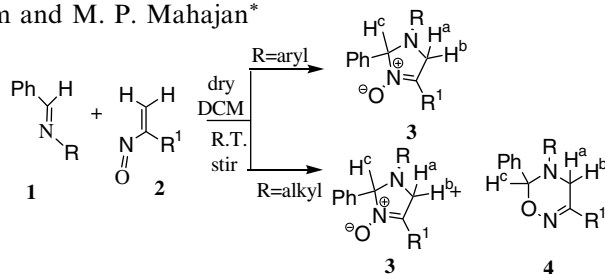
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M. Matschke, C. K  pplinger, D. Wei   and R. Beckert\*

**Effect of iminic nitrogen substituents on [4+2] versus [3+2] cycloaddition pathways in reactions of nitrosoalkenes with simple acyclic imines: an experimental and theoretical investigation**

pp 8253–8256

Alka Marwaha, P. V. Bharatam and M. P. Mahajan\*




An indepth experimental and theoretical investigation has been carried out so as to explore the effect of iminic nitrogen substituents in influencing the [4+2] versus [3+2] cycloaddition pathways followed in their reactions with nitrosoalkenes.

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\*Corresponding author

\* Supplementary data available via ScienceDirect



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