

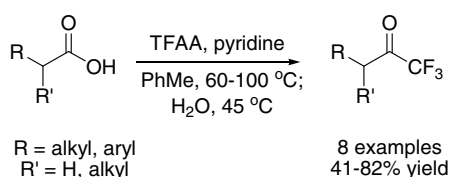
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COMMUNICATIONS

Direct conversion of primary and secondary carboxylic acids to trifluoromethyl ketones

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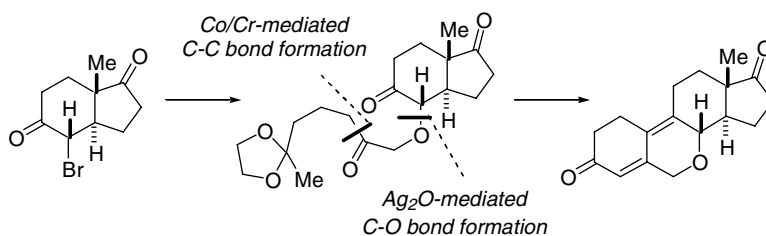
Jonathan T. Reeves,\* Fabrice Gallou, Jinhua J. Song, Zhulin Tan, Heewon Lee, Nathan K. Yee and Chris H. Senanayake



Enantioselective synthesis of (8*S*,13*S*,14*R*)-7-oxa-estra-4,9-diene-3,17-dione

pp 193–197

Fu-An Kang,\* Nareshkumar Jain and Zhihua Sui



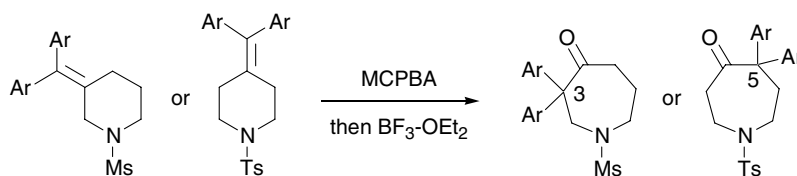
An enantioselective synthesis of the 7-oxa-steroid with the *trans*-C/D ring junction was achieved, which provides a useful template for developing novel biologically interesting 7-oxa-steroidal compounds.



Synthesis of diarylazepan-4-ones

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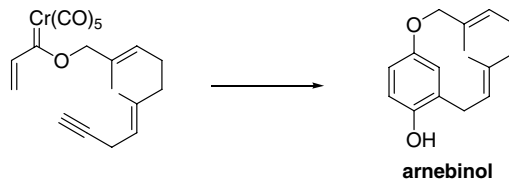
Meng-Yang Chang,\* Yung-Hua Kung and Chih-Chong Ma



**Application of intramolecular Dötz reaction to the synthesis of ansa-compounds: concise synthesis of arnebinol**

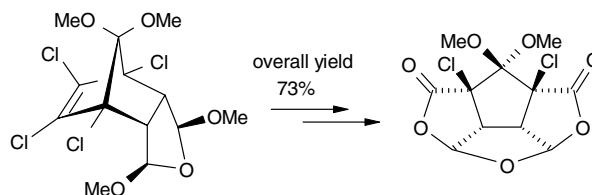
pp 203–206

Masahito Watanabe, Kyosuke Tanaka, Yoko Saikawa\* and Masaya Nakata\*


**Synthesis of a novel, bowl-like bis  $\gamma$ -lactone**

pp 207–209

Faiz Ahmed Khan,\* Vineet Dwivedi and Bhimsen Rout

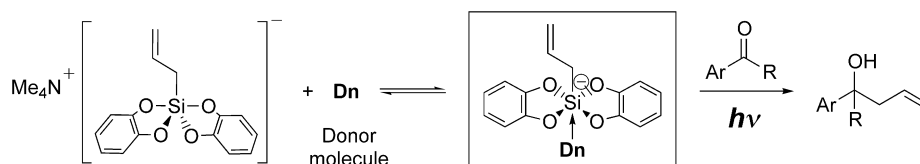


Synthesis of a compound with bowl-like, symmetrical molecular architecture, starting from a Diels–Alder adduct derived from a reaction between 2,5-dihydro-2,5-dimethoxyfuran and 1,2,3,4-tetrachloro-5,5-dimethoxycyclopentadiene is reported.

**Remarkable enhancement of photo-allylation of aromatic carbonyl compounds with a hypervalent allylsilicon reagent by donor molecules**

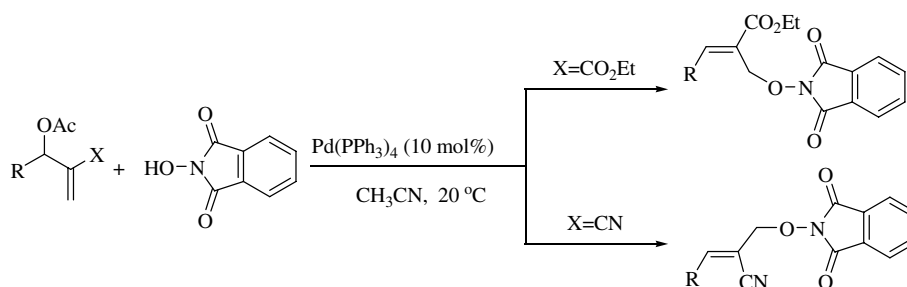
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Yutaka Nishigaichi,\* Akira Suzuki and Akio Takuwa


**Palladium-catalyzed addition of hydroxylamine derivatives to Baylis–Hillman acetate adducts**

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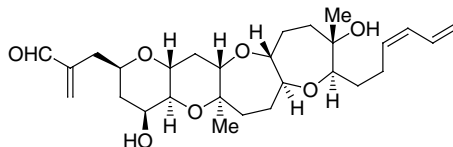
Ch. Raji Reddy,\* N. Kiranmai, G. S. Kiran Babu, G. Dattatreya Sarma, B. Jagadeesh and S. Chandrasekhar



**A convergent approach to the formal total synthesis of hemibrevetoxin B**

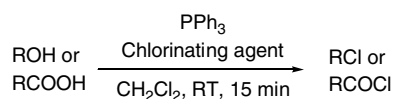
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Isao Kadota,\* Takashi Abe, Yukako Ishitsuka, Abeda S. Touchy, Ryoko Nagata and Yoshinori Yamamoto

**Reactivity of chlorinating agents/PPh<sub>3</sub> for the chlorination of alcohols and carboxylic acids: a comparative study**

pp 223–226

Wanchai Pluempanupat, Oraphin Chantarasriwong, Piyada Taboonpong, Doo Ok Jang\* and Warinthorn Chavasiri\*

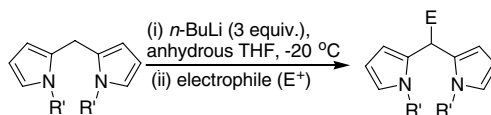


Reactivity of chlorinating agent

For ROH : Cl<sub>3</sub>CCOCCl<sub>3</sub> > Cl<sub>3</sub>CCN > Cl<sub>3</sub>CCO<sub>2</sub><sup>i</sup>Pr ~ Cl<sub>3</sub>CCO<sub>2</sub>Et > Cl<sub>3</sub>CCCl<sub>3</sub> ~ Cl<sub>3</sub>CCONH<sub>2</sub>For RCO<sub>2</sub>H : Cl<sub>3</sub>CCN > Cl<sub>3</sub>CCOCCl<sub>3</sub> > Cl<sub>3</sub>CCONH<sub>2</sub> > Cl<sub>3</sub>CCCl<sub>3</sub> ~ Cl<sub>3</sub>CCO<sub>2</sub>Et**An unprecedented regioselective lithiation of dipyrromethanes. Synthesis of *meso*-functionalized dipyrromethanes**

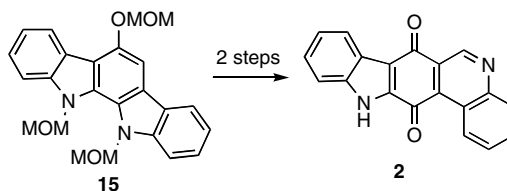
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Kamaljit Singh\* and Amit Sharma

Functional elaboration of *meso*-positions of dipyrromethanes gives valuable intermediates through a highly regioselective lithiation–substitution sequence.**A biomimetic synthesis of calothrixin B**

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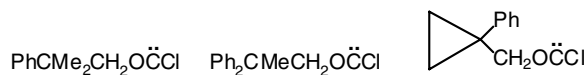
Jonathan Sperry, Christopher S. P. McErlean, Alexandra M. Z. Slawin and Christopher J. Moody\*

Oxidation of the indolo[2,3-*a*]carbazole **15** results in the biomimetic synthesis of calothrixin B **2**.

**Phenyl versus alkyl migration in the fragmentation of alkoxychlorocarbenes**

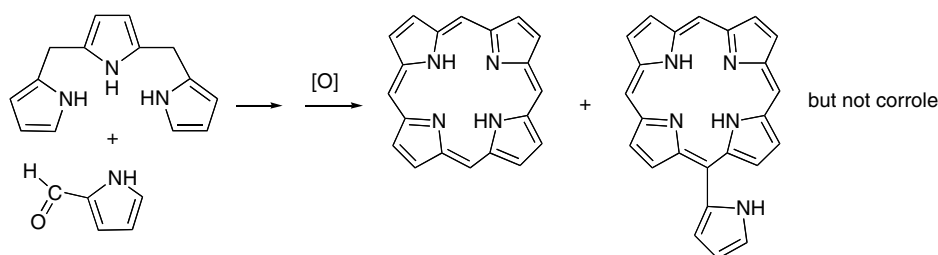
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Robert A. Moss\* and Xiaolin Fu


**Porphine and pyrrole-substituted porphyrin from cyclocondensation of tripyrrane with mono-substituted pyrroles**

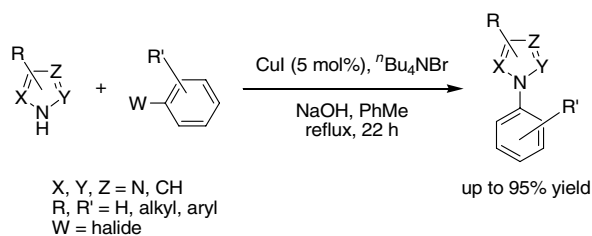
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Irena Saltsman, Israel Goldberg,\* Yael Balasz and Zeev Gross\*


**Practical copper-catalyzed N-arylation of nitrogen heterocycles with aryl halides under ligand and additive free conditions**

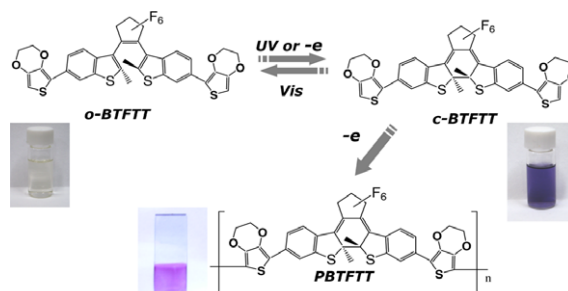
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Joyce Wei Wei Chang, Xiuhui Xu and Philip Wai Hong Chan\*


**Electropolymerization of an EDOT-modified diarylethene**

pp 249–254

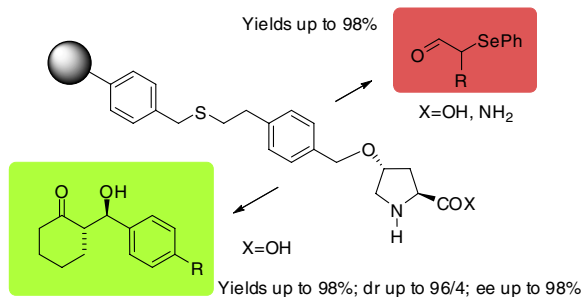
Jaewang Lee, Taechang Kwon and Eunkyong Kim\*



**Polystyrene-supported proline and prolinamide. Versatile heterogeneous organocatalysts both for asymmetric aldol reaction in water and  $\alpha$ -selenenylation of aldehydes**

pp 255–259

Francesco Giacalone, Michelangelo Gruttadauria,\* Adriana Mossuto Marculescu and Renato Noto

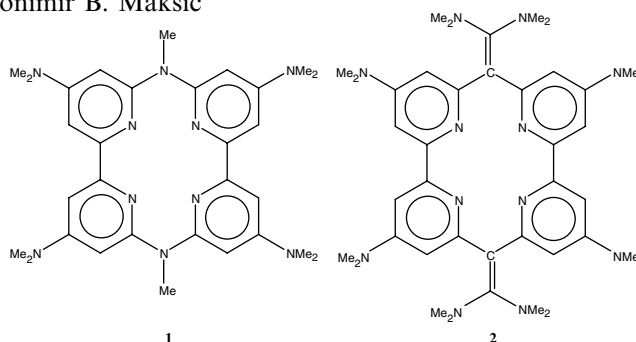


**In quest of strong neutral organic bases and superbases—supramolecular systems containing four pyridine subunits**

pp 261–264

Borislav Kovačević, Ines Despotović and Zvonimir B. Maksić\*

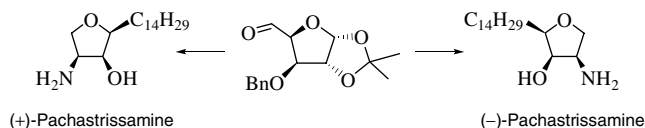
The supramolecular structures **1** and **2** are strong neutral organic superbases in the gas phase and in MeCN.



**Total synthesis of pachastrissamine (jaspine B) enantiomers from D-glucose**

pp 265–268

C. V. Ramana,\* Awadut G. Giri, Sharad B. Suryawanshi and Rajesh G. Gonnade



**Preparation of enantiopure 2-acylazetidines and their reactions with chloroformates**

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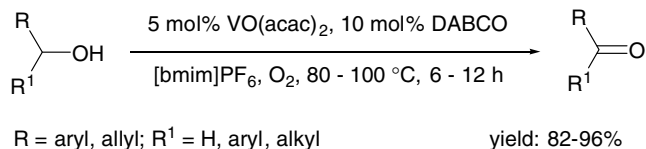
Sang-ho Ma, Doo Ha Yoon, Hyun-Joon Ha\* and Won Koo Lee\*



**Vanadium-catalyzed selective aerobic alcohol oxidation in ionic liquid [bmim]PF<sub>6</sub>**

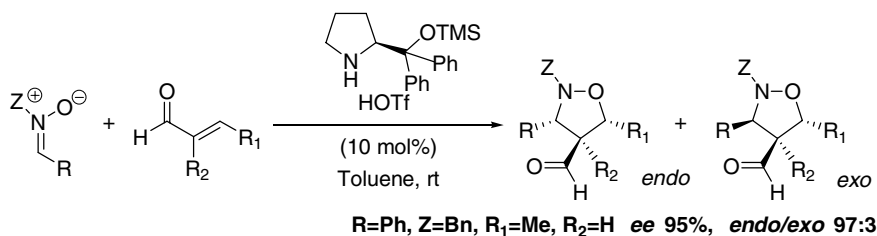
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Nan Jiang and Arthur J. Ragauskas\*

**A new organocatalyst for 1,3-dipolar cycloadditions of nitrones to  $\alpha,\beta$ -unsaturated aldehydes**

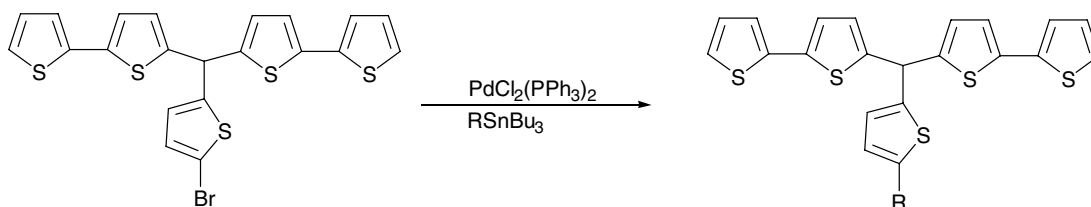
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San San Chow, Marta Nevalainen,\* Catherine A. Evans and Charles W. Johannes

**Oligothiophenes. Part 4: Formation and characterization of stable radicals from novel bis- and tris-bithiophene methanes**

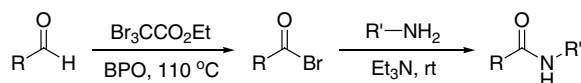
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Harald Halvorsen, Jan Skramstad and Morten Sørlic\*

**Radical mediated-direct conversion of aldehydes into acid bromides**

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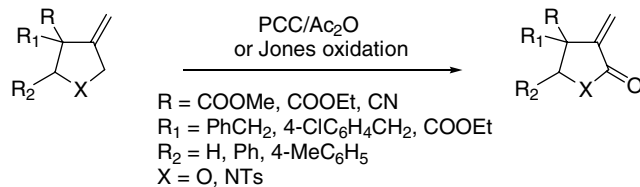
Dong Ho Kang, Tae Young Joo, Warinthorn Chavasiri and Doo Ok Jang\*



### Synthesis of $\beta,\beta$ -disubstituted- $\alpha$ -methylene- $\gamma$ -butyrolactones via the regioselective oxidation of *exo*-methylenetetrahydrofurans

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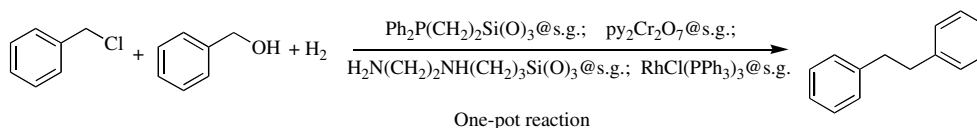
Saravanan Gowrisankar, Seong Jin Kim and Jae Nyoung Kim\*



### One-pot combination of the Wittig olefination with oxidation, hydrogenation, bromination, and photocyclization reactions

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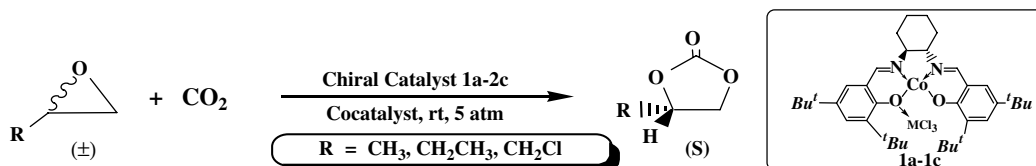
Khalil Hamza and Jochanan Blum\*



### Efficient catalytic synthesis of optically active cyclic carbonates via coupling reaction of epoxides and carbon dioxide

pp 297–300

Shu-Wei Chen, Rahul B. Kawthekar and Geon-Joong Kim\*



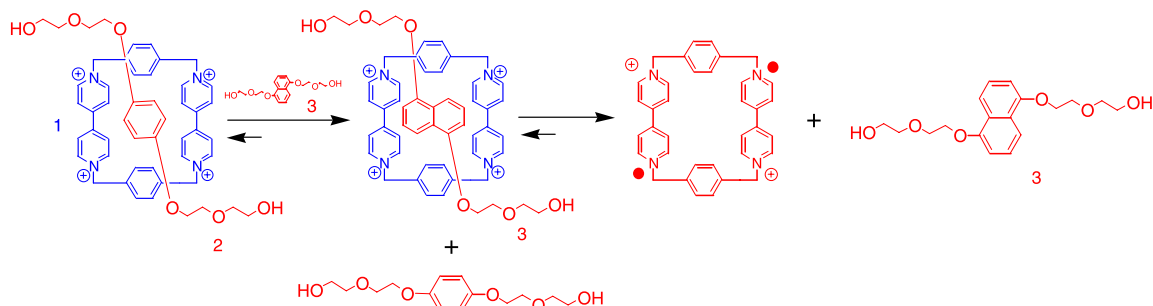
Chiral salen (Co) complexes bearing the Lewis acid of group 13 can efficiently catalyze the reactions of carbon dioxide with epoxides in the presence of catalytic amounts of alkali metal salts, quaternary ammonium halide or ionic liquids. They exhibited excellent activity for producing enantiomerically enriched cyclic carbonates.



### An investigation of the complexation properties of cyclobis(paraquat-*p*-phenylene) in water

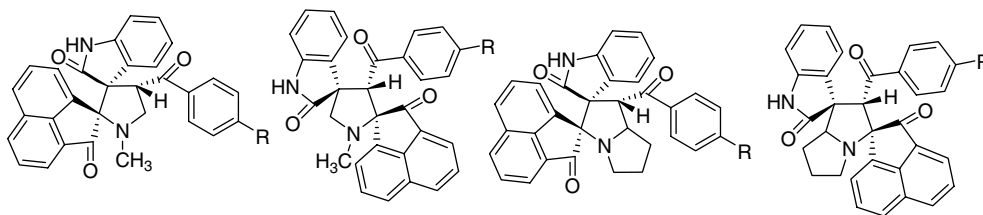
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Marc Bria, Graeme Cooke,\* Alan Cooper, James F. Garety, Shanika Gunatilaka Hewage, Margaret Nutley, Gouher Rabani and Patrice Woisel



**ZrOCl<sub>2</sub>·8H<sub>2</sub>O mediated microwave induced [3+2] cycloaddition of azomethine ylides—a facile one-pot synthesis of novel dispiroheterocycles** pp 305–308

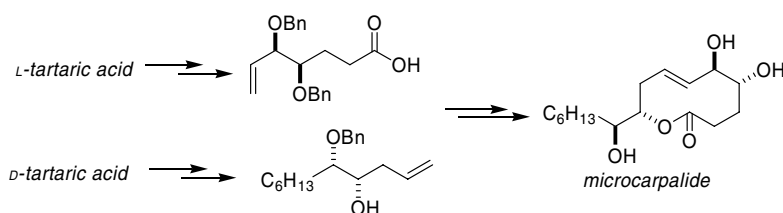
A. R. Suresh Babu and R. Raghunathan\*



**Stereoselective synthesis of (–)-microcarpalide**

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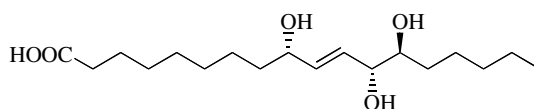
Kavirayani R. Prasad,\* Kamala Penchalaiah, Amit Choudhary and Pazhamalai Anbarasan



**Total synthesis of (9*S*,12*R*,13*S*)-pinellic acid**

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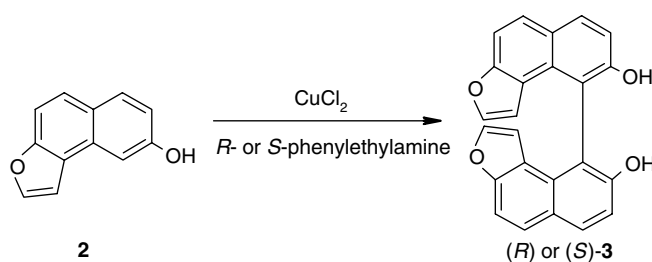
Gowravaram Sabitha,\* E. Venkata Reddy, M. Bhikshapathi and J. S. Yadav



**Enantioselective synthesis of (*R*) and (*S*)-[9,9']bi[naphtho(2,1-*b*)furan-2-yl]-8,8'-diol: a furo-fused BINOL derivative**

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Sunil P. Upadhyay and Anil V. Karnik\*

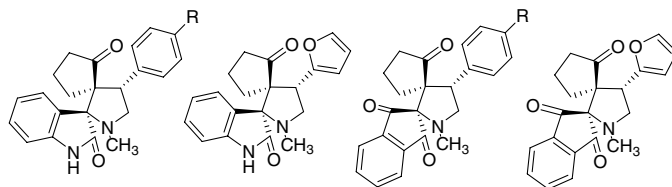




**A greener approach for the synthesis of 1-*N*-methyl-(spiro[2.3']oxindolespiro[3.2'']/spiro[2.3']indan-1,3-dionespiro[2.2''])cyclopentanone-4-aryl pyrrolidines**

pp 319–322

Gowri Sridhar, T. Gunasundari and R. Raghunathan\*

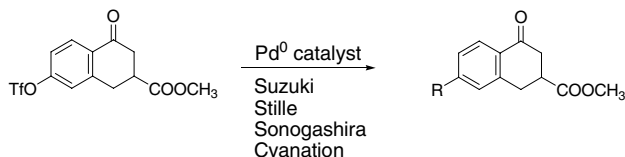


Synthesis of dispiropyrrrolidines has been accomplished through 1,3-dipolar cycloaddition reaction of azomethine ylides by the application of microwave methodology.

**Synthesis of substituted tetralones as intermediates of CNS agents via palladium-catalyzed cross-coupling reactions**

pp 323–326

María Torrado, Christian F. Masaguer and Enrique Raviña\*



\*Corresponding author

Supplementary data available via ScienceDirect

**COVER**

The electrochemical polymerization of an EDOT-modified diarylethene offers a convenient deposition method of a diarylethene polymer film.

*Tetrahedron Letters* **2007**, *48*, 249–254.

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