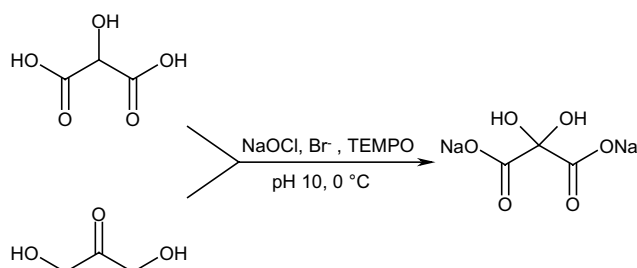


Contents

COMMUNICATIONS

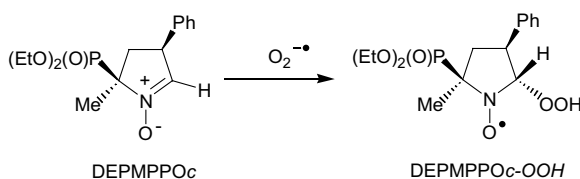
**Oxidation of tartaric acid and dihydroxyacetone to sodium mesoxalate mediated by TEMPO** pp 6381–6383

Rosaria Ciriminna and Mario Pagliaro\*



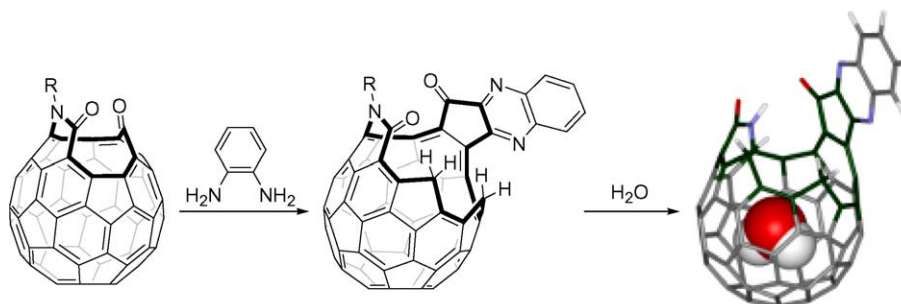
**Synthesis of the *cis* diastereoisomer of 5-diethoxyphosphoryl-5-methyl-3-phenyl-1-pyrroline *N*-oxide (DEMPMPO<sub>c</sub>) and ESR study of its superoxide spin adduct** pp 6385–6389

Céline Nsanzumuhire, Jean-Louis Clément, Olivier Ouari, Hakim Karoui, Jean-Pierre Finet and Paul Tordo\*

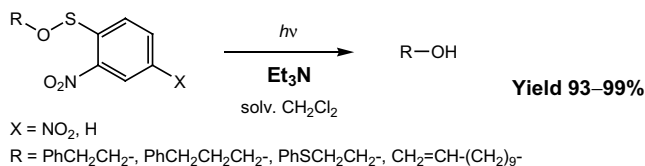


**H<sub>2</sub>O@open-cage fullerene C<sub>60</sub>: control of the encapsulation property and the first mass spectroscopic identification** pp 6391–6394

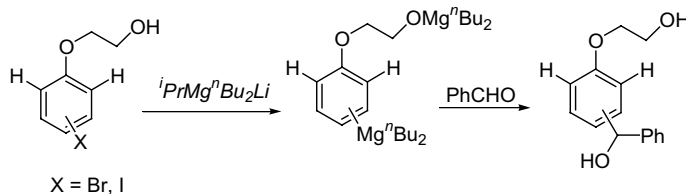
Sho-ichi Iwamatsu\* and Shizuaki Murata



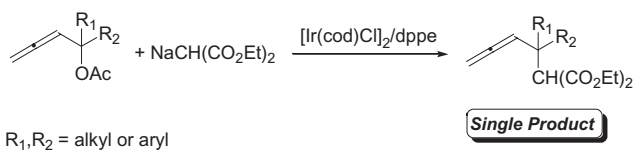
**Photochemical deprotection of nitro-substituted benzenesulfenates via photoinduced electron transfer** pp 6395–6398  
 Kan Wakamatsu,\* Mitsuru Kouda, Kazuyoshi Shimaoka and Haruo Yamada



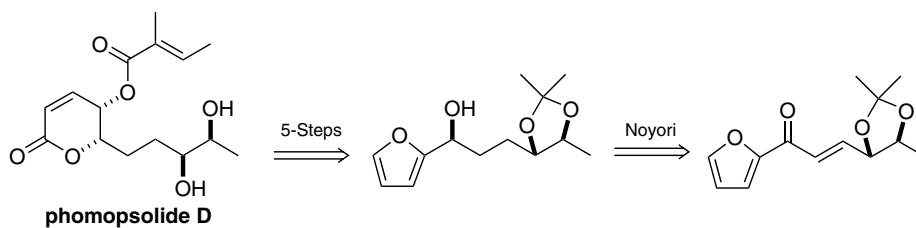
**Halogen–magnesium exchange of *m*- and *p*-iodo or bromo-arenes bearing *ortho*-directing groups through ate complexes** pp 6399–6402  
 Jiayi Xu, Nareshkumar Jain\* and Zhihua Sui



**Iridium complex-catalyzed method for the construction of a quaternary carbon center  $\alpha$  to allene** pp 6403–6406  
 Satoko Kezuka, Kazuyuki Kanemoto and Ryo Takeuchi\*

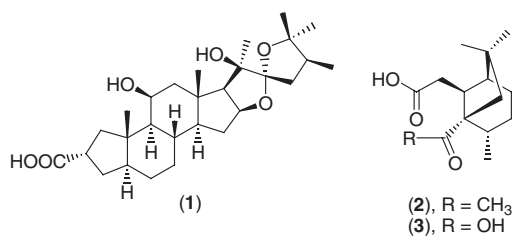


**An enantioselective synthesis of phomopsolide D** pp 6407–6411  
 Miaosheng Li and George A. O'Doherty\*



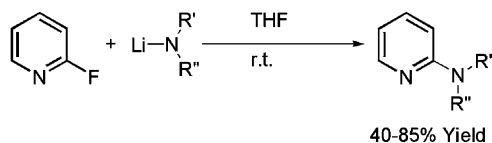
**The first *A*-nor-hippuristanol and two novel 4,5-secosuberosanoids from the Gorgonian *Isis hippuris*** pp 6413–6416

Jyh-Horng Sheu,\* Chih-Hua Chao, Guey-Horng Wang, Kuang-Chih Hung, Chang-Yih Duh, M. Y. Chiang, Yang-Chang Wu and Chin-Chung Wu



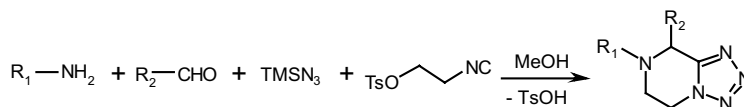
**Synthesis of aminopyridines from 2-fluoropyridine and lithium amides** pp 6417–6420

Lubov Pasumansky, Armando R. Hernández, Soya Gamsey, Christian T. Goralski and Bakthan Singaram\*



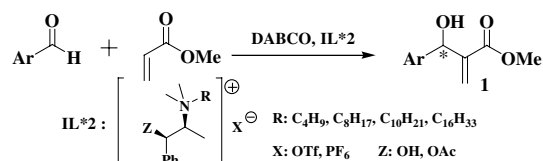
**Synthesis of tetrazolopiperazine building blocks by a novel multi-component reaction** pp 6421–6424

Michael Umkehrer,\* Jürgen Kolb, Christoph Burdack, Günther Ross and Wolfgang Hiller



**First application of chiral ionic liquids in asymmetric Baylis–Hillman reaction** pp 6425–6428

Bruce Pégot, Giang Vo-Thanh,\* Didier Gori and André Loupy

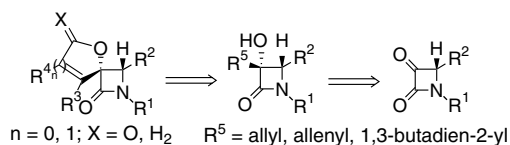


The first example of the use of chiral ionic liquids as reaction media in the asymmetric Baylis–Hillman reaction was described using *N*-alkyl-*N*-methylephedrinium salts. Good yields and significant enantiomeric excesses were obtained.

**Metal-assisted synthesis of enantiopure spirocyclic  $\beta$ -lactams from azetidine-2,3-diones**

pp 6429–6431

Benito Alcaide,\* Pedro Almendros,\* Teresa Martínez-del Campo and Raquel Rodríguez-Acebes

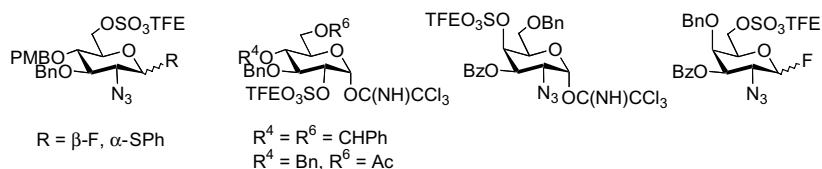


A novel approach to enantiopure spirocyclic  $\beta$ -lactams has been developed by using different intramolecular metal-catalyzed cyclization reactions in monocyclic unsaturated alcohols.

**Trifluoroethylsulfonate protected monosaccharides in glycosylation reactions**

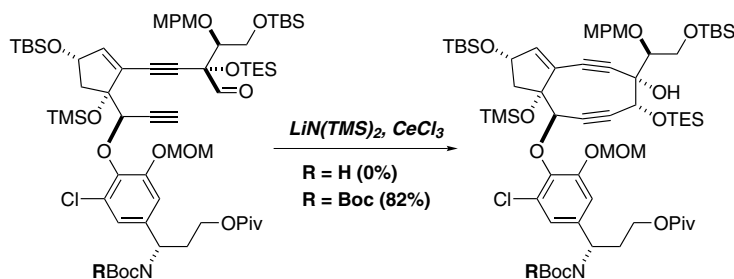
pp 6433–6437

Nathalie A. Karst, Tasneem F. Islam, Fikri Y. Avci and Robert J. Linhardt\*

**Synthesis of the fully functionalized nine-membered diyne core of the C-1027 chromophore**

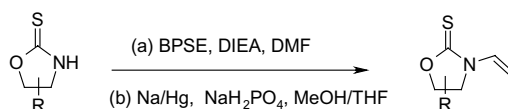
pp 6439–6442

Masayuki Inoue,\* Tsukasa Kikuchi and Masahiro Hirama\*

**Regioselective N-vinylation of cyclic thionocarbamates through a vinyl bis-sulfone methodology**

pp 6443–6446

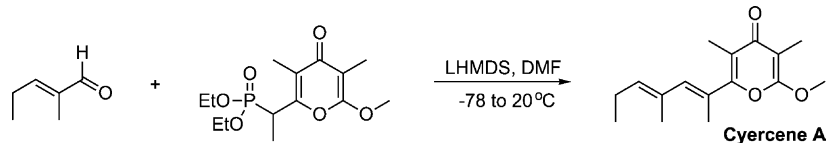
Jolanta Girniene, Sébastien Tardy, Arnaud Tatibouët,\* Algirdas Sačkus and Patrick Rollin\*



**An efficient synthesis of cyercene A**

pp 6447–6448

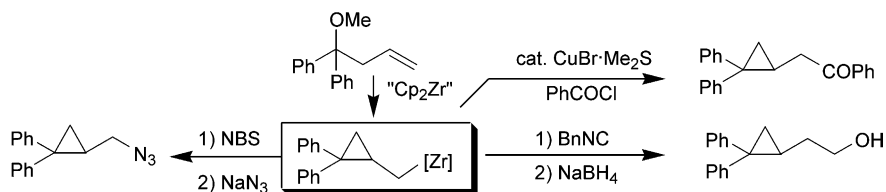
John E. Moses, Jack E. Baldwin\* and Robert M. Adlington



**Access to functionalized cyclopropylcarbinyl compounds from homoallylic ethers via zirconocene intermediates**

pp 6449–6451

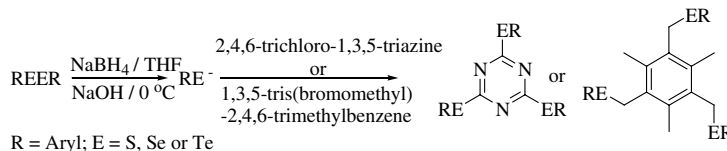
Jean-Luc Vasse and Jan Szymoniak\*



**An efficient and facile one-pot synthesis of structurally unique 2,4,6-tris(arylchalcogeno)-1,3,5-triazine and 1,3,5-tris(arylchalcogeno)-2,4,6-trimethylbenzene**

pp 6453–6455

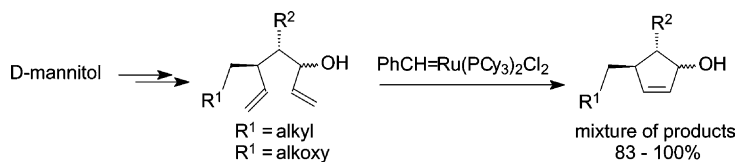
Marilyn Daisy Milton, Naveen Kumar, Sarbjot Singh Sokhi, Sarika Singh and Jai Deo Singh\*



**Alkoxy group facilitated ring closing metathesis (RCM) of acyclic 1,6-dienes. Convenient synthesis of non-racemic highly substituted cyclopentenols**

pp 6457–6460

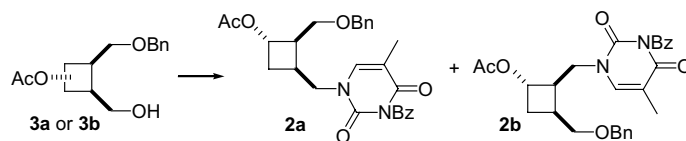
Abhijit Nayek, Shyamapada Banerjee, Saikat Sinha and Subrata Ghosh\*



### A benzyloxy group migration under Mitsunobu reaction conditions

pp 6461–6463

Yoann Marsac, Arnaud Nourry, Stéphanie Legoupy,\* Muriel Pipelier, Didier Dubreuil and François Huet\*



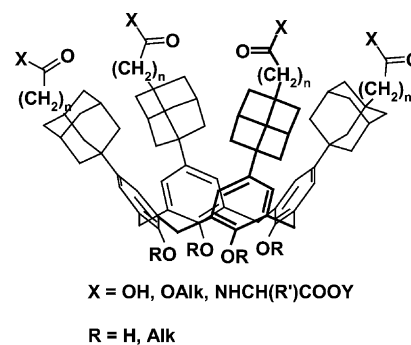
An unusual benzyloxy group migration occurred when compounds **3a** or **3b** were subjected to a Mitsunobu reaction in the presence of protected thymine as nucleophile.

### *p*-(3-Carboxy- and 3-carboxymethyl-1-adamantyl)calix[4]arenes: synthesis and arming with amino acid units

pp 6465–6469

Elvira A. Shokova, Alina E. Motornaya, Alla K. Shestakova and Vladimir V. Kovalev\*

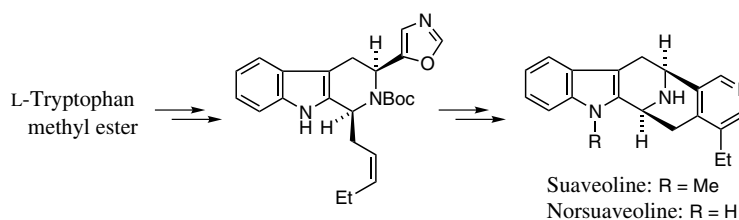
Adamantylcalix[4]arenes carboxylated at the upper rim have been synthesized by a convenient one-step procedure from *p*-H-calix[4]arene and carboxylated 1-adamantanols. N-linked peptidocalixarenes have been prepared starting from these tetra acids and a preliminary evaluation of their properties as carriers in ion-selective electrodes is reported.



### Total synthesis of suaveoline and norsuaveoline via intramolecular oxazole–olefin Diels–Alder reaction

pp 6471–6474

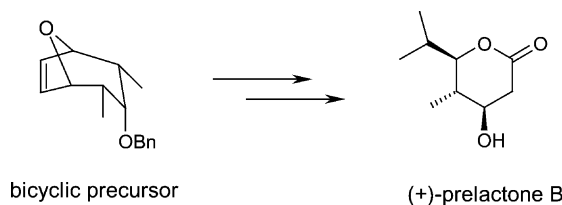
Masashi Ohba,\* Itaru Natsutani and Takashi Sakuma



### An efficient synthesis of (+)-prelactone B

pp 6475–6476

J. S. Yadav,\* K. Bhaskar Reddy and G. Sabitha

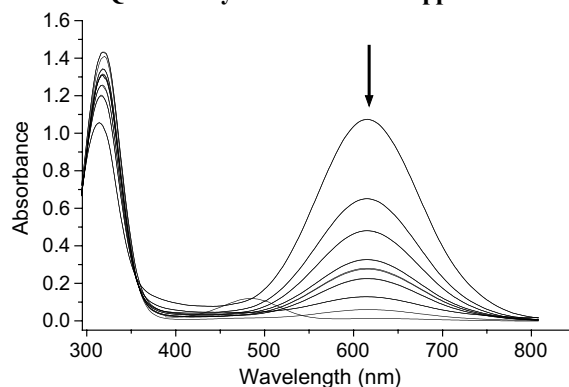


**A specific colorimetric cysteine sensing probe based on dipyrromethane–TCNQ assembly**

pp 6477–6480

Yong Guo, Shijun Shao, Jian Xu, Yanping Shi and Shengxiang Jiang\*

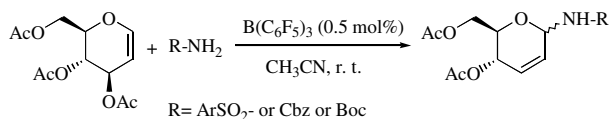
The novel noncovalent aggregation, formed by charge-transfer interaction between dihydroxymethyl-di-(2-pyrrolyl)methane and TCNQ in polar solvent, may be used as colorimetric probe for highly selective detection of cysteine in aqueous solution.



**Tris(pentafluorophenyl)borane catalyzed Ferrier azaglycosylation with sulfonamides and carbamates**

pp 6481–6484

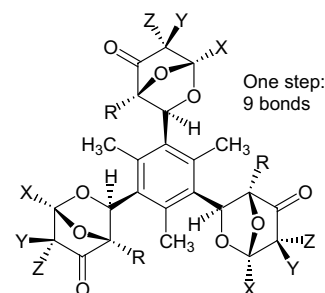
S. Chandrasekhar,\* Ch. Raji Reddy and G. Chandrashekar



**Chemoselective synthesis of multiple epoxy-bridged tetrahydropyranone ring systems**

pp 6485–6488

Sengodagounder Muthusamy,\* Janagiraman Krishnamurthi and Munirathnam Nethaji

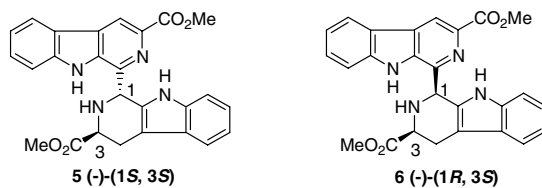


Bis- and tris-tetrahydropyranone ring systems were obtained via multiple tandem cyclization–1,3-dipolar cycloaddition reactions of  $\alpha$ -diazo ketones with carbonyl groups in a chemoselective manner.

**Unusual formation of  $\beta$ -carboline dimers under Bischler–Napieralski reaction conditions: an old reaction with a new direction**

pp 6489–6492

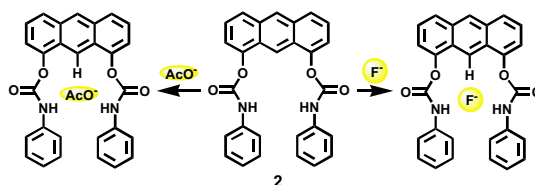
Bikash Pal, Parasuraman Jaisankar, Venkatachalam Sessa Giri,\* Swastik Mondal and Monika Mukherjee



**A new fluorescent as well as chromogenic chemosensor for anions based on an anthracene carbamate derivative**

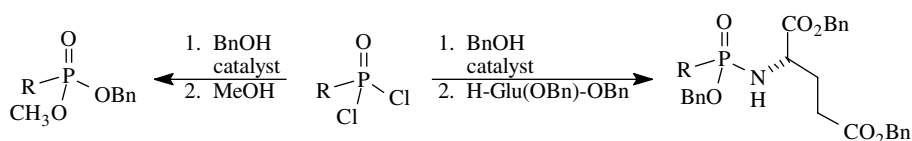
pp 6493–6496

Qi-Yin Chen and Chuan-Feng Chen\*


**Alternatives to 1-*H*-tetrazole in the preparation of phosphonate diesters and phosphoramidates from phosphonyl dichlorides**

pp 6497–6499

Jack Maung, Jeremy P. Mallari, Cindy J. Choy and Clifford E. Berkman\*

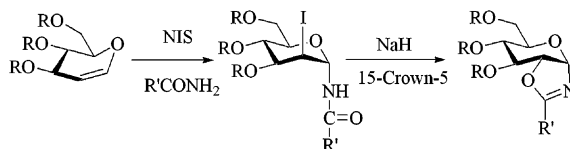


5-Ethylthio-1-*H*-tetrazole (SET) and 4,5-dicyanoimidazole (DCI) were found to be suitable alternatives to 1-*H*-tetrazole for catalyzing the formation of mixed phosphonate diesters and phosphoramidates from phosphonyl dichlorides through a two-step one-pot reaction.

**The preparation of 2-iodoamides from glucals and their further transformations into oxazolines**

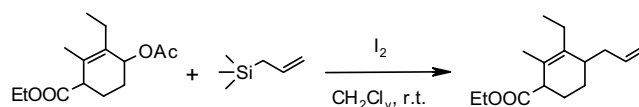
pp 6501–6504

Michael De Castro and Cecilia H. Marzabadi\*


**First example of molecular iodine-catalyzed allylation and alkynylation of cyclic allylic acetates**

pp 6505–6507

J. S. Yadav,\* B. V. S. Reddy, K. Vishweshwar Rao, K. Sarita Raj, P. Purushothama Rao, A. R. Prasad and D. Gunasekar

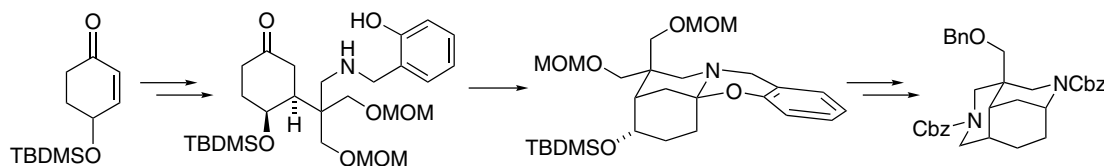




**Synthesis of the diazatricyclic core of the marine alkaloids madangamines**

pp 6509–6512

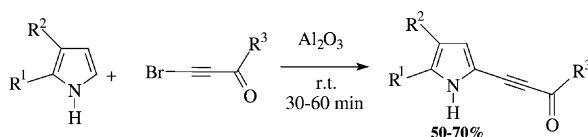
Naoki Yamazaki, Takahiko Kusanagi and Chihiro Kibayashi\*



**Ethynylation of pyrroles with 1-acyl-2-bromoacetylenes on alumina: a formal ‘inverse Sonogashira coupling’**

pp 6513–6516

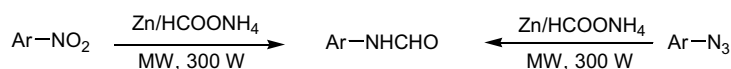
Boris A. Trofimov,\* Zinaida V. Stepanova, Lyubov’ N. Sobenina, Al’bina I. Mikhaleva and Igor A. Ushakov



**Microwave enhanced reduction of nitro and azido arenes to *N*-arylformamides employing Zn–HCOONH<sub>4</sub>: synthesis of 4(3*H*)-quinazolinones and pyrrolo[2,1-*c*][1,4]benzodiazepines**

pp 6517–6521

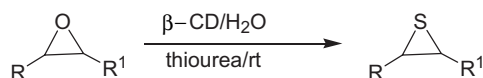
Ahmed Kamal,\* K. Srinivasa Reddy, B. Rajendra Prasad, A. Hari Babu and A. Venkata Ramana



**A new and efficient method for the synthesis of thiiranes from oxirane-β-cyclodextrin complexes and thiourea in water**

pp 6523–6526

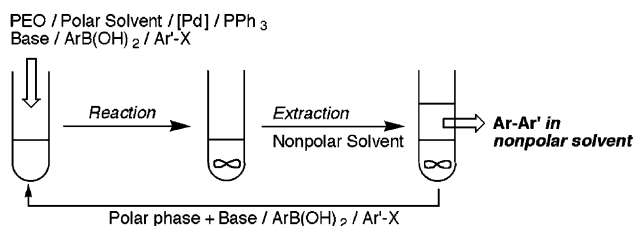
K. Surendra, N. Srilakshmi Krishnaveni and K. Rama Rao\*



### Simple and efficient protocol for catalyst recycling and product recovery in the Pd-catalyzed homogeneous Suzuki reaction

pp 6527–6530

Sabrina M. Nobre, Silvana I. Wolke, Ricardo G. da Rosa and Adriano L. Monteiro\*




#### OTHER CONTENTS

Contributors to this issue  
Instructions to contributors

p I  
pp III–VI

\*Corresponding author

+ Supplementary data available via ScienceDirect

#### COVER

A fully functionalized diyne core of the C-1027 chromophore was synthesized through LiN(TMS)<sub>2</sub>/CeCl<sub>3</sub>-promoted nine-membered ring formation of a judiciously selected intermediate. Details can be found in *Tetrahedron Letters* **2004**, *45*, 6439–6442  
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**CONTENTS**  
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