



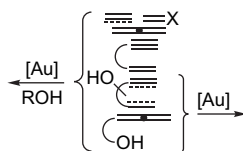
## Tetrahedron Vol. 64, No. 25, 2008

## Contents

## REPORT

**Gold-catalysed reactions of alcohols: isomerisation, inter- and intramolecular reactions leading to C–C and C–heteroatom bonds**  
Jacques Muzart

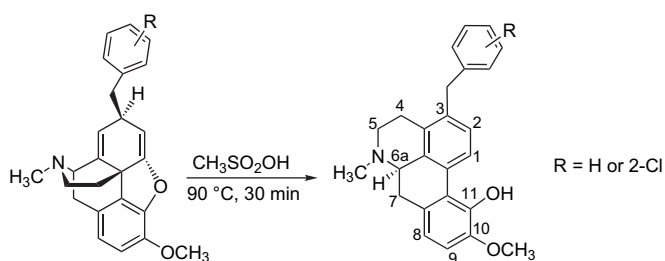
pp 5815–5849



## ARTICLES

**Benylation of morphinandienes and new aspects of their acid-catalyzed rearrangement to new aporphines**  
Attila Sipos\*, Sándor Berényi

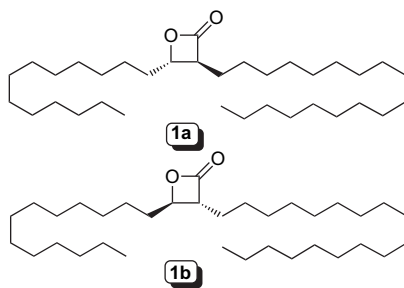
pp 5851–5860



**Proline-catalyzed stereoselective synthesis of natural and unnatural nocardiolactone**

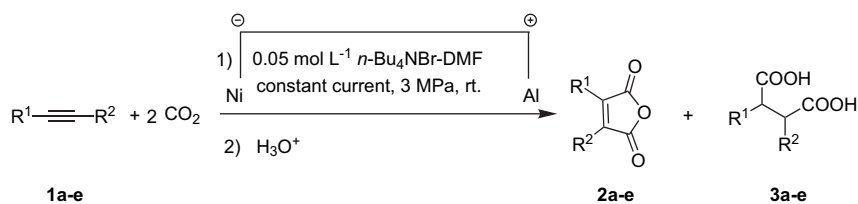
pp 5861–5865

G. Kumaraswamy\*, B. Markondaiah

**Efficient electrochemical dicarboxylations of arylacetylenes with carbon dioxide using nickel as the cathode**

pp 5866–5872

Gao-Qing Yuan, Huan-Feng Jiang\*, Chang Lin

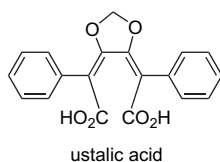


- a. R<sup>1</sup> = Ph, R<sup>2</sup> = H;    b. R<sup>1</sup> = *p*-CH<sub>3</sub>Ph, R<sup>2</sup> = H;    c. R<sup>1</sup> = Ph, R<sup>2</sup> = CH<sub>3</sub>;  
 d. R<sup>1</sup> = Ph, R<sup>2</sup> = Ph;    e. R<sup>1</sup> = C<sub>10</sub>H<sub>7</sub>, R<sup>2</sup> = H.

**Synthesis of ustalic acid, an inhibitor of Na<sup>+</sup>,K<sup>+</sup>-ATPase**

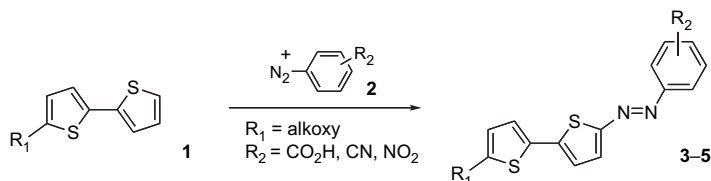
pp 5873–5877

Ichiro Hayakawa, Hidekazu Watanabe, Hideo Kigoshi\*

**5'-Alkoxy-2,2'-bithiophene azo dyes: a novel promising series of NLO-chromophores**

pp 5878–5884

M. Manuela M. Raposo\*, Ana M. F. Ferreira, M. Belsley, João C. V. P. Moura

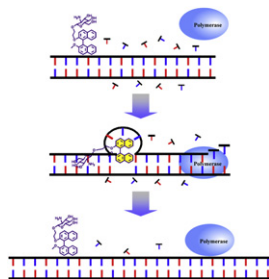


New efficient and thermally stable NLO-chromophores **3–5** based on a 5-alkoxy-2,2'-bithiophene donor  $\pi$ -conjugated bridge and a phenylazo acceptor moieties were synthesized by diazo coupling reactions of 5-alkoxy-2,2'-bithiophenes **1** with substituted aryldiazonium salts **2**.

**Synthesis and spectroscopic characterization of binaphthol aminosugars for stimulation of DNA strand slippage synthesis**

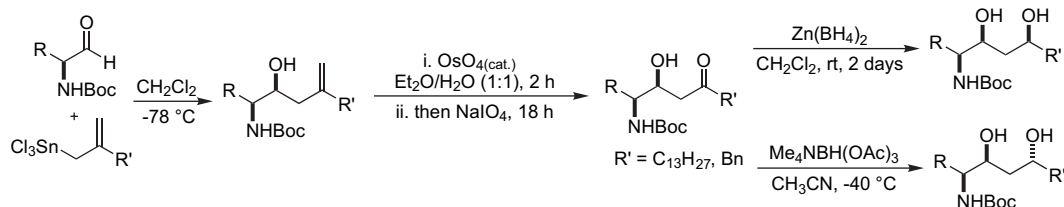
pp 5885–5890

Liangliang Liu, Long Yi, Xing Yang, Zhihong Yu, Xin Wen, Zhen Xi\*

**An efficient procedure for the synthesis of 2-N-Boc-amino-3,5-diols**

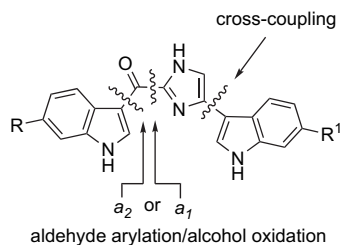
pp 5891–5903

Luiz C. Dias\*, Juliana Fattori, Carla C. Perez, Vanda M. de Oliveira, Andrea M. Aguilar

**Convenient access to bis-indole alkaloids. Application to the synthesis of topsentins**

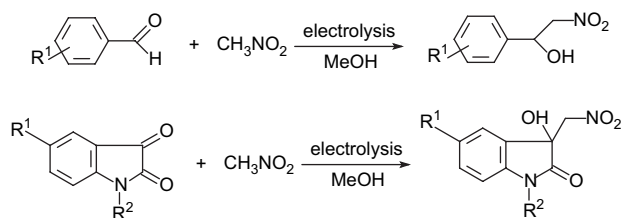
pp 5904–5914

Sajal K. Mal, Luis Bohé, Saïd Achab\*

**Electrochemically induced Henry reaction of nitromethane and carbonyl compounds**

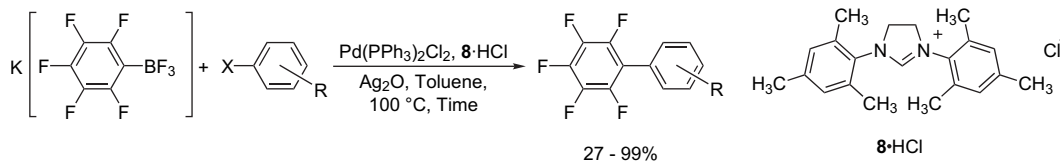
pp 5915–5919

Michail N. Elinson\*, Alexey I. Ilovaisky, Valentina M. Merkulova, Fructuoso Barba, Belen Batanero



**The effect of *N*-heterocyclic carbene ligands in the palladium-catalyzed cross-coupling reaction of  $K[C_6F_5BF_3]$  with aryl iodides and aryl bromides** pp 5920–5924

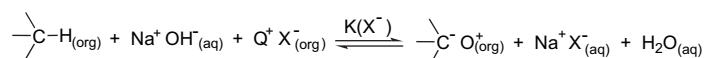
Nicolay Yu. Adonin\*, Dmitrii E. Babushkin, Valentin N. Parmon, Vadim V. Bardin, Gennadiy A. Kostin, Vasiliy I. Mashukov, Hermann-Josef Frohn



**How iodide anions inhibit the phase-transfer catalyzed reactions of carbanions**

pp 5925–5932

Mieczysław Mąkosza\*, Alexey Chesnokov

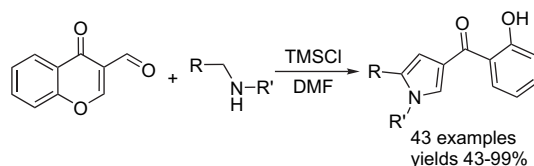


Effects of C–H acidity and  $X^-$  on the interfacial equilibrium.

**A synthesis of 5-hetaryl-3-(2-hydroxybenzoyl)pyrroles**

pp 5933–5943

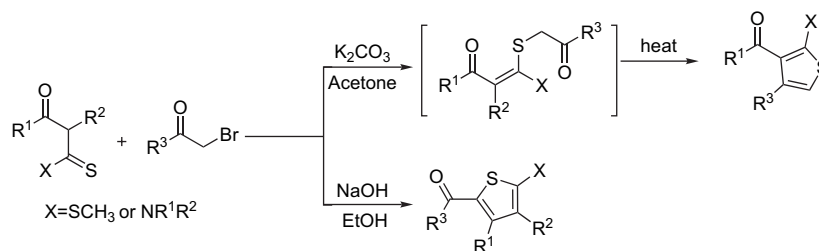
Andrey S. Plaskon, Sergey V. Ryabukhin\*, Dmitriy M. Volochnyuk, Alexander N. Shivanyuk, Andrey A. Tolmachev



**Alkylation of aryl 3-oxopropanedithioate and 3-amino-1-aryl-3-thioxo-1-propanones as an effective tool for the construction of differently substituted thiophenes and annulated thiophenes**

pp 5944–5948

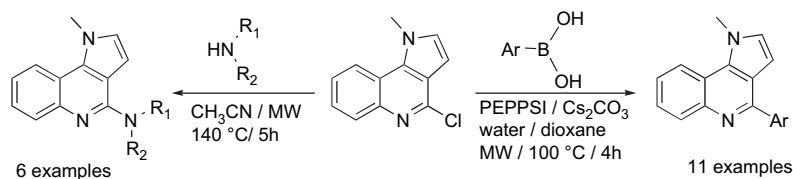
Reichel Samuel, Prakash Chandran, S. Retnamma, K. A. Sasikala, N. K. Sreedevi, E. R. Anabha\*, C. V. Asokan



**Microwave-assisted multi-step synthesis of novel pyrrolo-[3,2-c]quinoline derivatives**

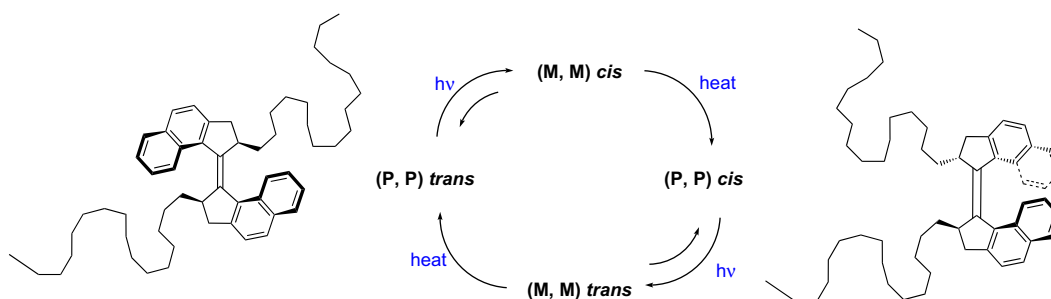
pp 5949–5955

Hafid Benakki, Evelina Colacino, Christophe André, Farhate Guenoun, Jean Martinez, Frédéric Lamaty\*

**Photochemical and thermal behavior of light-driven unidirectional molecular motor with long alkyl chains**

pp 5956–5962

Giuseppe Caroli, Marcin G. Kwit, Ben L. Feringa\*

**OTHER CONTENTS**

Tetrahedron reports on organic chemistry  
 Tetrahedron Perspectives  
 Tetrahedron reports on organic chemistry order form  
 Tetrahedron reports on organic chemistry author index

pp I–XVII  
 p XIX  
 p XX  
 pp XXI–XXVIII

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