



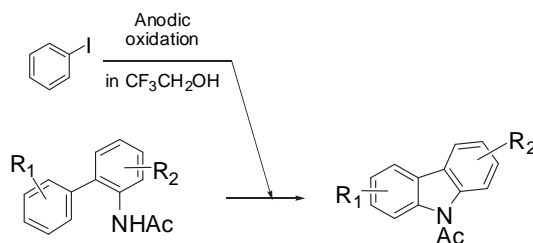
Tetrahedron Vol. 66, Issue 52, 2010

Contents

ARTICLES

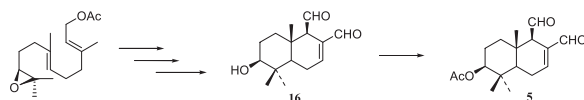
A synthetic approach to carbazoles using electrochemically generated hypervalent iodine oxidant
Daichi Kajiyama, Keisuke Inoue, Yuichi Ishikawa, Shigeru Nishiyama*

pp 9779–9784



Enantioselective synthesis of 3(S)-hydroxy polygodial derivatives and evaluation of their vanilloid activity
Mariantonietta D'Acunto, Carmela Della Monica, Irene Izzo, Luciano De Petrocellis, Vincenzo di Marzo, Aldo Spinella*

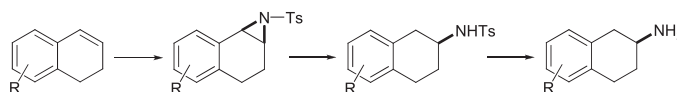
pp 9785–9789



Asymmetric catalytic aziridination of dihydronaphthalenes for the preparation of substituted 2-aminotetralins

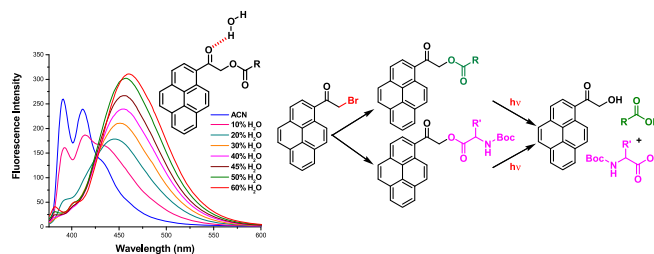
pp 9790–9797

Jon Erik Aaseng, Silje Melnes, Gard Reian, Odd R. Gautun*

**1-Acetylpyrene with dual functions as an environment-sensitive fluorophore and fluorescent photoremovable protecting group**

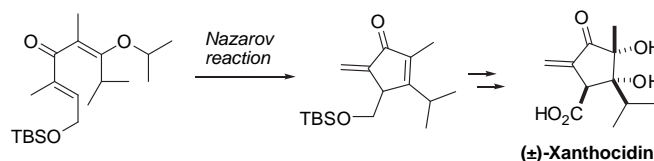
pp 9798–9807

Avijit Jana, Sanghamitra Atta, Sujan K. Sarkar, N.D. Pradeep Singh*

**Total synthesis of (±)-xanthocidin using FeCl₃-mediated Nazarov reaction**

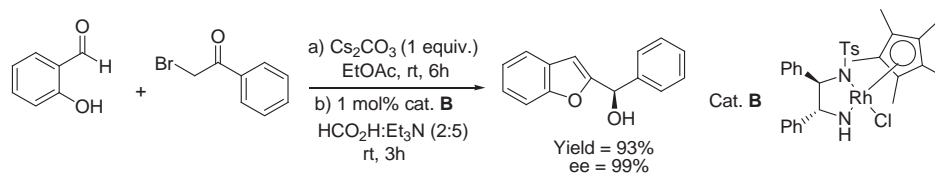
pp 9808–9813

Kentaro Yaji, Mitsuru Shindo*

**An expedient synthesis of enantioenriched substituted (2-benzofuryl)arylcarbinols via tandem Rap–Stoermer and asymmetric transfer hydrogenation reactions**

pp 9814–9818

Gullapalli Kumaraswamy*, Gajula Ramakrishna, Ragam Raju, Mogiliseti Padmaja



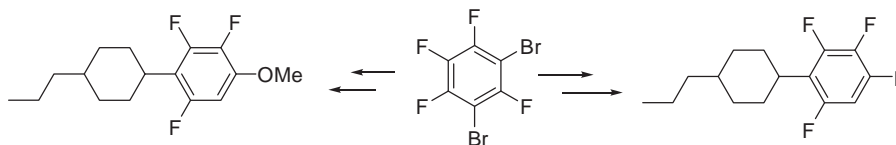
A key feature of this protocol is synthesis of enantioenriched substituted (benzofuran-yl)- aryl and heteroaryl carbinols via a Rap-Stoermer reaction/catalytic asymmetric transfer hydrogenation (ATH) using substituted salicylaldehyde and α -haloaryl, hetero aryl ketones.



Strategies for the synthesis of fluorinated liquid crystal derivatives from perbromofluoroaromatic systems

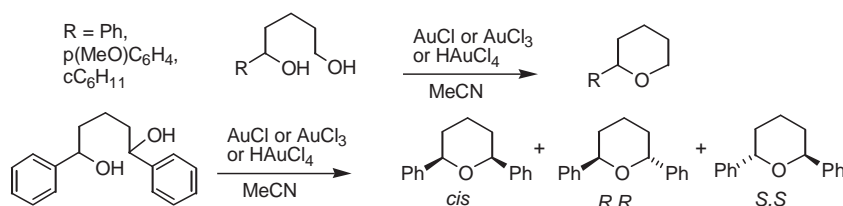
pp 9819–9827

Alan M. Kenwright, Graham Sandford*, Andrzej J. Tadeusiak, Dmitrii S. Yufit, Judith A.K. Howard, Pinar Kilickiran, Gabriele Nelles

**Gold-catalysed cyclic ether formation from diols**

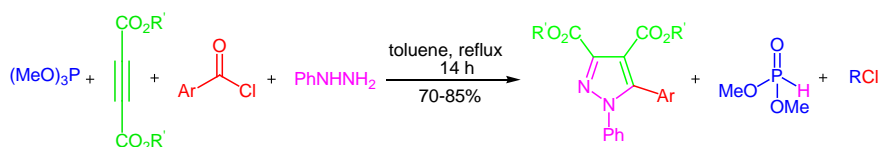
pp 9828–9834

Xiaolu Jiang, Emma K. London, David J. Morris, Guy J. Clarkson, Martin Wills*

**Synthesis of dialkyl 5-(aryl)-1-phenyl-1H-prazole-3,4-dicarboxylates via a one-pot and four-component reaction**

pp 9835–9839

Abdolali Alizadeh*, Tahereh Firuzyar, Log-Guan Zhu

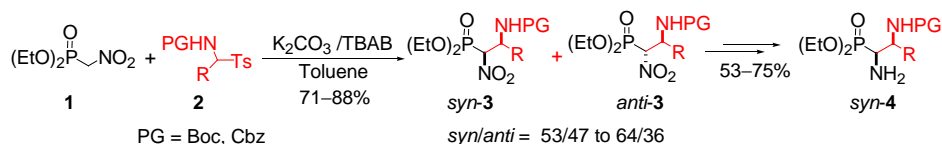


A facile and direct synthetic entry to dialkyl 5-(aryl)-1-phenyl-1H-prazole-3,4-dicarboxylate via a one-pot, four-component reaction of trimethyl phosphite, acetylenic ester, and aroyl chlorides, and phenylhydrazine under reflux conditions in dry toluene is reported.

N-Carbamate α -aminoalkyl-*p*-tolylsulfones—convenient substrates in the nitro-Mannich synthesis of secondary N-carbamate protected *syn*-2-amino-1-nitroalkanephosphonates

pp 9840–9848

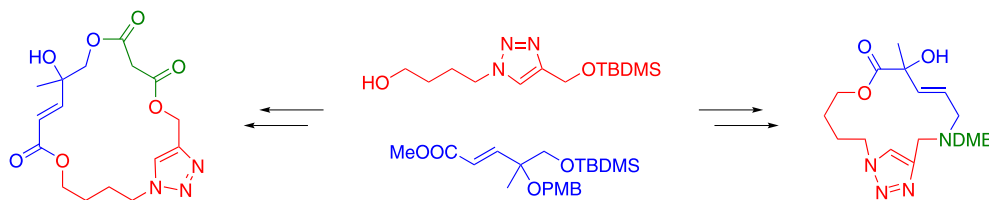
Roman Błaszczyk, Anna Gajda, Stefan Zawadzki, Ewelina Czubacka, Tadeusz Gajda*



Synthesis of new diverse macrocycles from diol precursors

pp 9849–9859

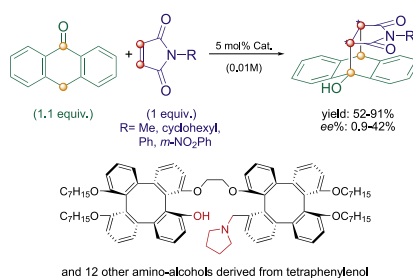
Charlotte M. Madsen, Martin Hansen, Marie V. Thrane, Mads H. Clausen*



Enantioselective Brønsted base catalyzed [4+2] cycloaddition using novel amino-substituted tetraphenylene derivatives

pp 9860–9874

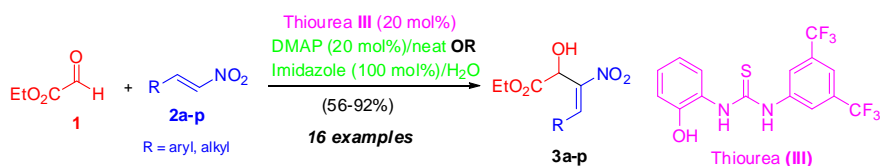
Chun-Kit Hau, Hao He, Albert W.M. Lee, David T.W. Chik, Zongwei Cai, Henry N.C. Wong*



An efficient Morita–Baylis–Hillman reaction for the synthesis of multifunctional 2-hydroxy-3-nitrobut-3-enoate derivatives

pp 9875–9879

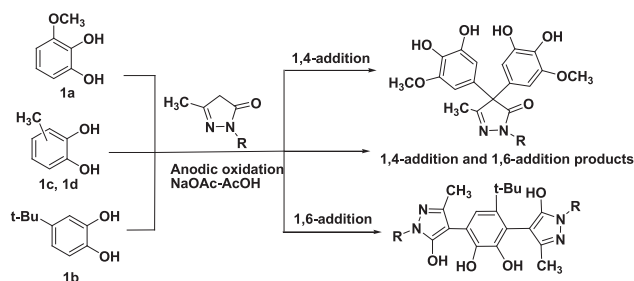
Hsuan-Hao Kuan, Raju Jannapu Reddy, Kwunmin Chen*



Electrochemical oxidation of substituted catechols in the presence of pyrazol-5-ones: characterization of products and reaction mechanism

pp 9880–9887

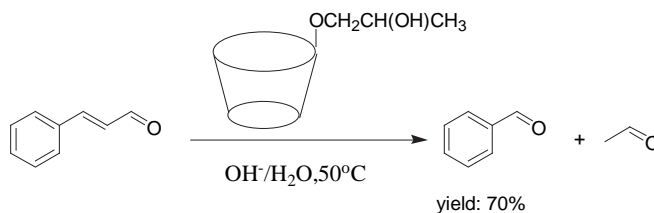
Xiao-Guang Gao, Cheng-Wen Yang, Zheng-Zheng Zhang, Cheng-Chu Zeng*, Xiu-Qing Song, Li-Ming Hu, Ru-Gang Zhong, Yuan-Bin She

1,4-addition or 1,6-addition of pyrazol-5-ones to electrochemically-generated *o*-benzoquinones? The nature of the starting catechols plays a predominant role!

Green synthesis of natural benzaldehyde from cinnamon oil catalyzed by hydroxypropyl- β -cyclodextrin

pp 9888–9893

Hongyan Chen, Hongbing Ji*, Xiantai Zhou, Lefu Wang

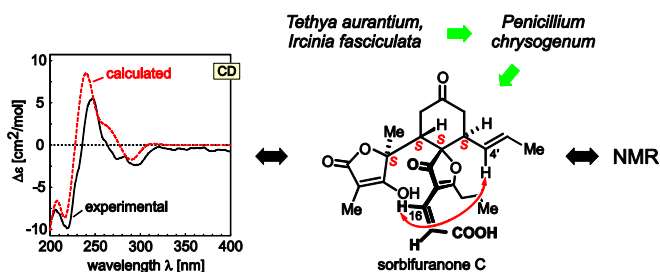


Owing to the strong binding ability between 2-hydroxypropyl- β -cyclodextrin (2-HP β -CD) and substrate, 2-HP β -CD can efficiently catalyze the alkaline hydrolysis of cinnamaldehyde to benzaldehyde under rather mild conditions (50 °C, ambient atmosphere), and the yield of benzaldehyde could reach 70% under such mild conditions.

**Sorbifuranones A–C, sorbicillinoid metabolites from *Penicillium* strains isolated from Mediterranean sponges**

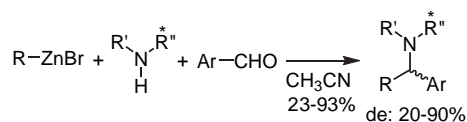
pp 9894–9901

Gerhard Bringmann*, Gerhard Lang, Torsten Bruhn, Katrin Schäffler, Stefan Steffens, Rolf Schmaljohann, Jutta Wiese, Johannes F. Imhoff

**Chiral amines in the diastereoselective Mannich-related multicomponent synthesis of diarylmethylamines, 1,2-diarylethylamines, and β -arylethylamines**

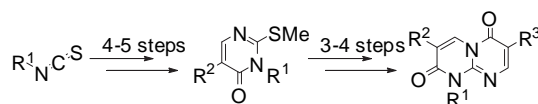
pp 9902–9911

Caroline Haurena, Erwan LeGall*, Stéphane Sengmany, Thierry Martens

**Synthesis of nitrogen bicyclic scaffolds: pyrimido[1,2-*a*]pyrimidine-2,6-diones**

pp 9912–9924

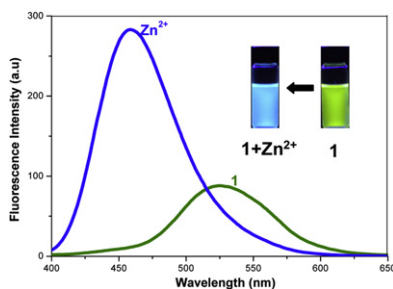
Sylvain Grosjean, Smail Triki, Jean-Claude Meslin, Karine Julienne, David Deniaud*



Thiazole sulfonamide based ratiometric fluorescent chemosensor with a large spectral shift for zinc sensing

pp 9925–9932

Aasif Helal, Sang Hyun Kim, Hong-Seok Kim*

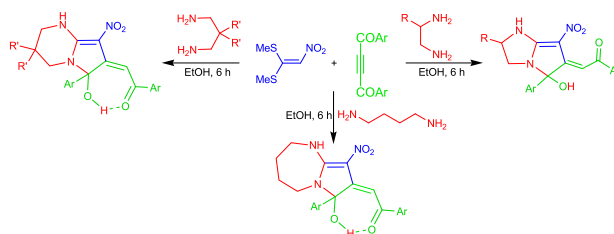


The chemosensor (TTP, **1**) shows a highly selective fluorescence enhancement with Zn²⁺ in aqueous ethanol system.

Novel heterocyclic β-nitroenamines-based on a one-pot three-component reaction: a facile synthesis of fully substituted 1H-pyrrolo[1,2-a]-fused-1,3-diazaheterocycles

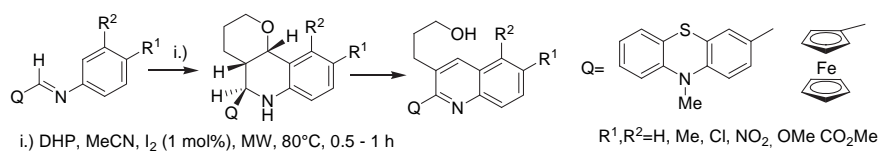
pp 9933–9937

Abdolali Alizadeh*, Atieh Rezvanian, Yuan Deng

**Iodine-catalyzed stepwise [4+2] cycloaddition of phenothiazine- and ferrocene-containing Schiff bases with DHP promoted by microwave irradiation**

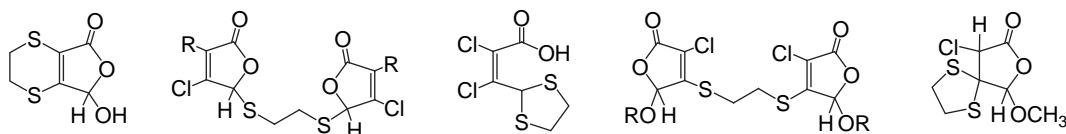
pp 9938–9944

Emese Gál, Castelia Cristea, Luminita Silaghi-Dumitrescu, Tamás Lovász, Antal Csámpai*

**Structural diversity of interaction products of mucochloric acid and its derivatives with 1,2-ethanedithiol**

pp 9945–9953

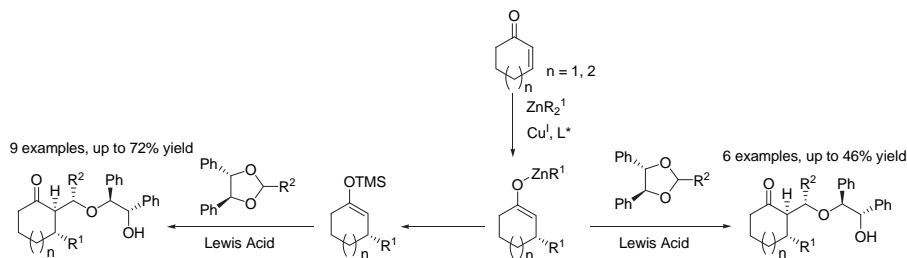
Almira R. Kurbangalieva*, Olga A. Lodochnikova, Nadezhda F. Devyatova, Evgeny A. Berdnikov, Oleg I. Gnezdilov, Igor A. Litvinov, Galina A. Chmutova



Chiral enolates for highly stereoselective aldol reactions—Scope and limitations

pp 9954–9963

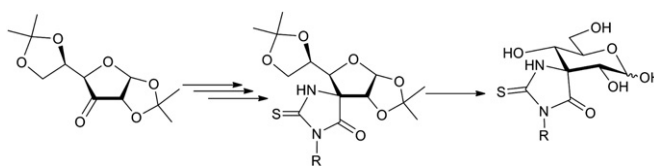
Matthias Welker, Simon Woodward*



Spiranic *D*-gluco-configured *N*-substituted thiohydantoin as potential enzymatic inhibitors

pp 9964–9973

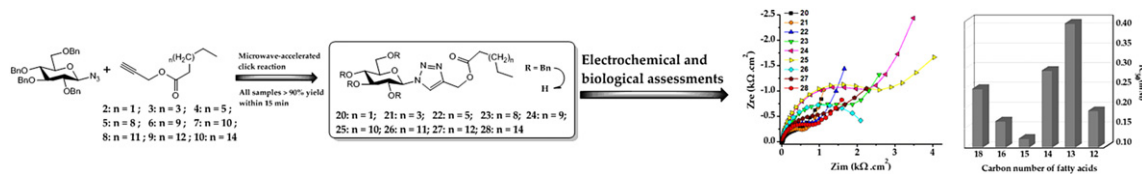
Consolación Gasch*, Penélope Merino-Montiel, Óscar López, José G. Fernández-Bolaños, José Fuentes



Expedient preparation of triazole-linked glycolipids via microwave accelerated click chemistry and their electrochemical and biological assessments

pp 9974–9980

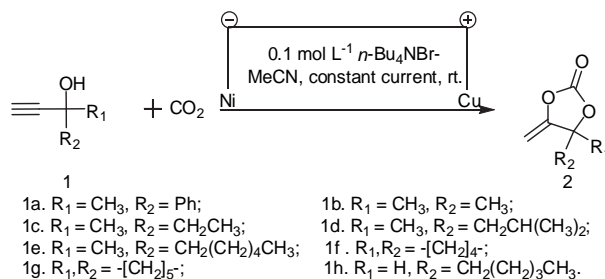
Shao-Xing Song, Hai-Lin Zhang, Chol-Guk Kim, Li Sheng, Xiao-Peng He*, Yi-Tao Long, Jia Li*, Guo-Rong Chen*



Electrochemically catalyzed synthesis of cyclic carbonates from CO₂ and propargyl alcohols

pp 9981–9985

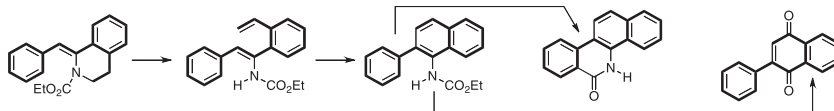
Gao-Qing Yuan*, Guo-Jun Zhu, Xiao-Ying Chang, Chao-Rong Qi, Huan-Feng Jiang



(Z)-Ethyl 2-phenyl-1-(2-vinylphenyl)vinylcarbamates. Part 1: Synthesis and preliminary studies on their divergent transformation into benzo[*c*]phenanthridines and 2-phenyl-1,4-naphthoquinones

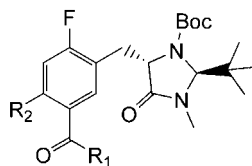
pp 9986–9995

Mónica Treus, Cristian O. Salas, Marcos A. González, Juan C. Estévez, Ricardo A. Tapia*, Ramón J. Estévez*

**Efficient synthesis of fluorobenzyl oxoimidazolidinone derivatives: precursors for the radiosynthesis of [¹⁸F]fluorophenylamino acids**

pp 9996–10001

Johnny Castillo Meleán, Johannes Ermert*, Heinz H. Coenen

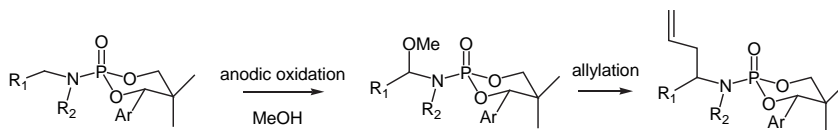


- 1a** R₁ = H, R₂ = OBn
1b R₁ = CH₃, R₂ = H
1c R₁ = R₂ = H

**Diastereoselective α-allylation of secondary amines**

pp 10002–10007

Emma Sierecki, Gauthier Errasti, Thierry Martens*, Jacques Royer

**OTHER CONTENTS**

Tetrahedron reports on organic chemistry

pp I–XIX

Tetrahedron perspectives

p XX


Tetrahedron reports on organic chemistry order form

p XXI

Tetrahedron reports on organic chemistry author index

pp XII–XXX

*Corresponding author

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