

Tetrahedron Letters Vol. 54, Issue 1, 2013

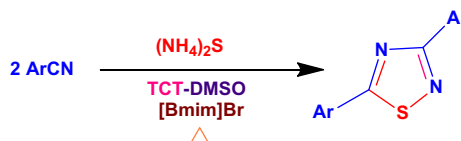
Contents

COMMUNICATIONS

A novel process for the synthesis of 3,5-diaryl-1,2,4-thiadiazoles from aryl nitriles

pp 9–11

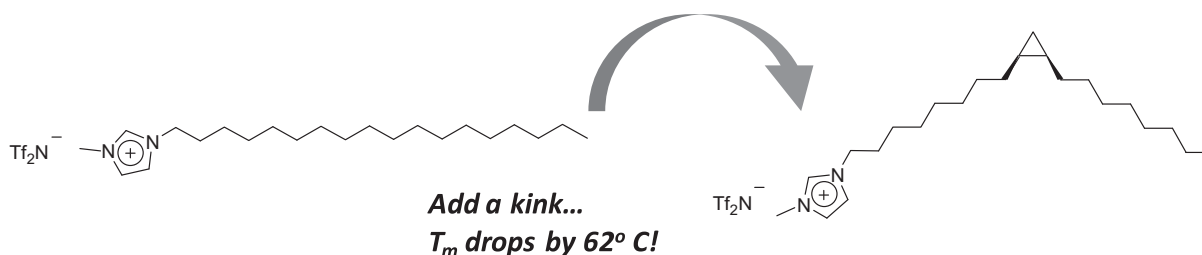
Jalil Noei, Ahmad Reza Khosropour*



Synthesis and thermophysical properties of ionic liquids: cyclopropyl moieties versus olefins as T_m -reducing elements in lipid-inspired ionic liquids

pp 12–14

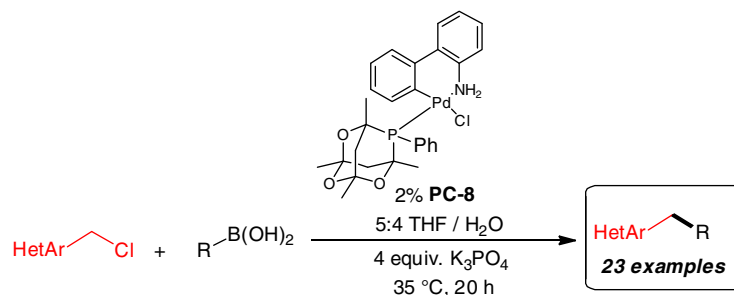
Man-Lung Kwan, Arsalan Mirjafari, John R. McCabe, Richard A. O'Brien, David F. Essi IV, Kevin N. West, James H. Davis Jr.*



Facile preparation of highly-functionalized, nitrogen-bearing diarylmethanes

pp 15–20

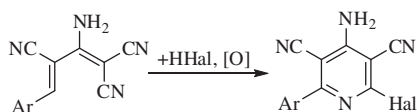
Jason R. Schmink, Matthew T. Tudge*



Heterocyclization of arylmethylidene derivatives of malononitrile dimer: synthesis of 4-amino-6-aryl-2-halopyridine-3,5-dicarbonitriles

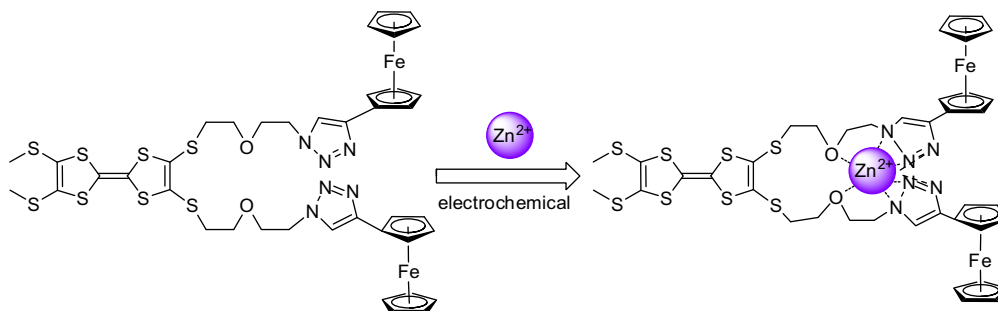
pp 21–22

Ivan N. Bardasov*, Denis L. Mihailov, Anastasiya U. Alekseeva, Oleg V. Ershov, Oleg E. Nasakin


Ferrocenyl-triazolyl-tetrathiafulvalene assemblies: synthesis and electrochemical recognition properties

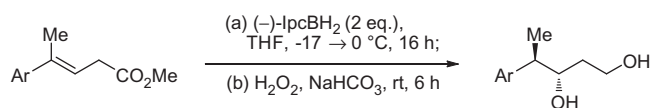
pp 23–26

Bang-Tun Zhao*, Lian-Wei Liu, Xiao-Chuan Li, Gui-Rong Qu, Esmah Belhadj, Franck Le Derf, Marc Sallé*


Tandem hydroboration/reduction of trisubstituted β,γ -unsaturated esters for the asymmetric synthesis of chiral 1,3-diols

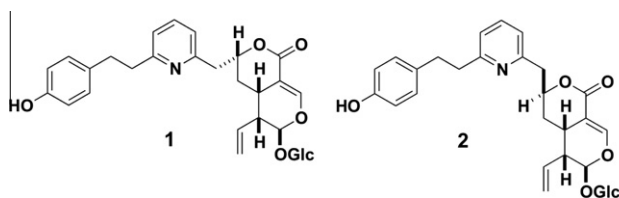
pp 27–31

Paul S. Fordred, Steven D. Bull*


Hydrangeamines A and B, novel polyketide-type pseudoalkaloid-coupled secoiridoid glycosides from the flowers of *Hydrangea macrophylla* var. *thunbergii*

pp 32–34

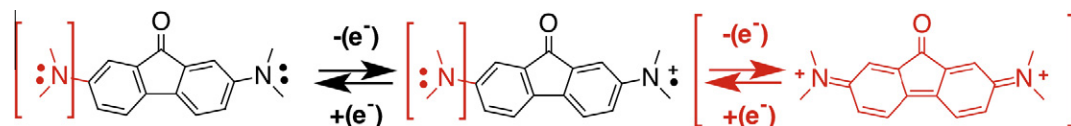
Jiang Liu, Seikou Nakamura, Hisashi Matsuda, Masayuki Yoshikawa*



Radical cations from diarylamino-substituted fluorenones

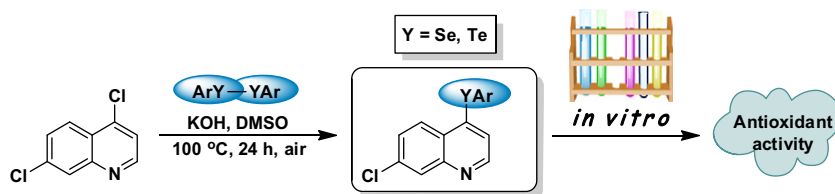
pp 35–39

Paul J. Homnick, Jonathan S. Tinkham, Paul M. Lahti*

**Synthesis and antioxidant properties of novel quinoline–chalcogenium compounds**

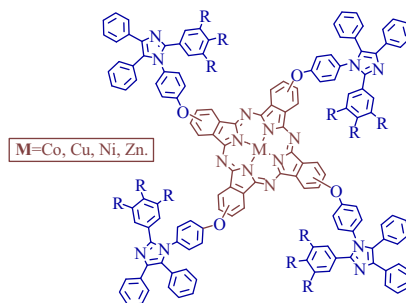
pp 40–44

Lucieli Savegnago*, Aline I. Vieira, Natália Seus, Bruna S. Goldani, Micheli R. Castro, Eder João Lenardão, Diego Alves*

**Synthesis and characterization of new metallophthalocyanines bearing highly substituted imidazoles**

pp 45–48

Ali Reza Karimi*, Fahimeh Bayat

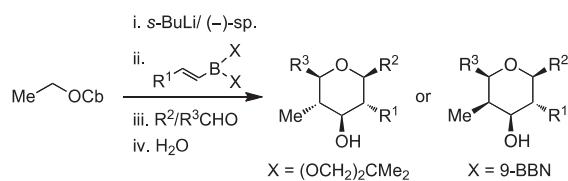


New metallophthalocyanines bearing highly substituted imidazole moieties at peripheral positions have been synthesized.

**One-pot synthesis of 2,3,4,5,6-pentasubstituted tetrahydropyrans using lithiation–borylation, allylation and Prins cyclisation reactions**

pp 49–51

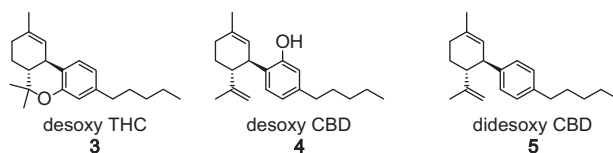
Adeem Mahmood, Jose Ramón Suárez, Stephen P. Thomas, Varinder K. Aggarwal*



Improved accessibility to the desoxy analogues of Δ^9 -tetrahydrocannabinol and cannabidiol

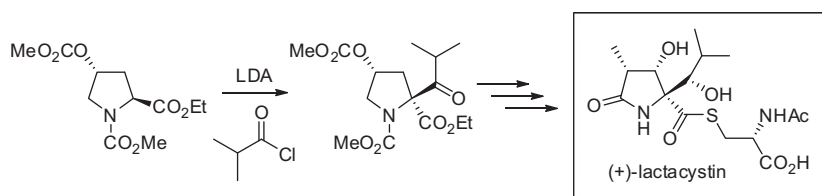
pp 52–54

Shane M. Wilkinson, Jason Price, Michael Kassiou*

**A formal synthesis of (+)-lactacystin from 4-hydroxyproline**

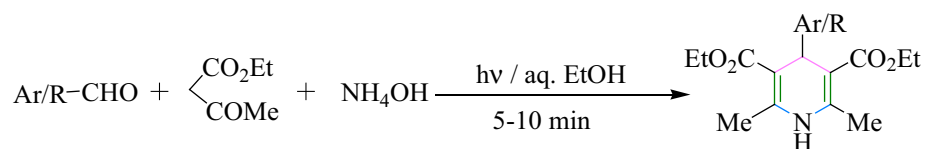
pp 55–57

David K. Mycock, Paul A. Glossop, William Lewis, Christopher J. Hayes*

**Hantzsch 1,4-dihydropyridine synthesis in aqueous ethanol by visible light**

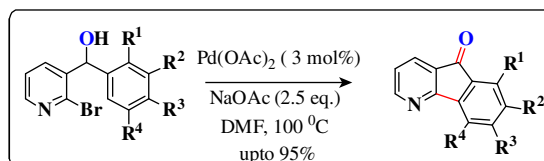
pp 58–62

Somnath Ghosh*, Forid Saikh, Jhantu Das, Arun Kumar Pramanik

**Synthesis of azafluorenone via oxidative intramolecular Heck cyclization**

pp 63–65

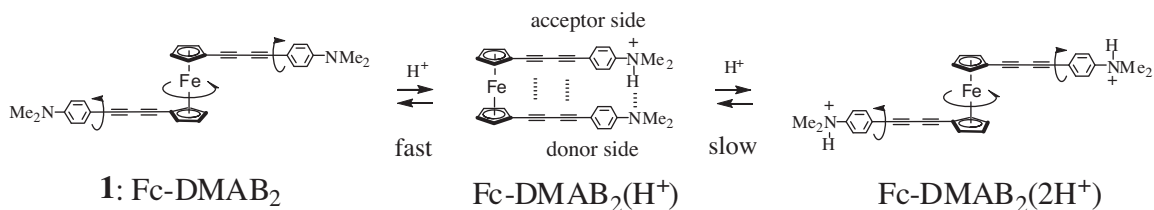
Shubhendu Dhara, Atiur Ahmed, Sukla Nandi, Shantanu Baitalik, Jayanta K. Ray*



Synthesis and properties of 1,1'-bis[*p*-(*N,N*-dimethylaminophenyl)butadiynyl]ferrocene: a methodology for proton-mediated reversible conformation control of two function sites

pp 66–71

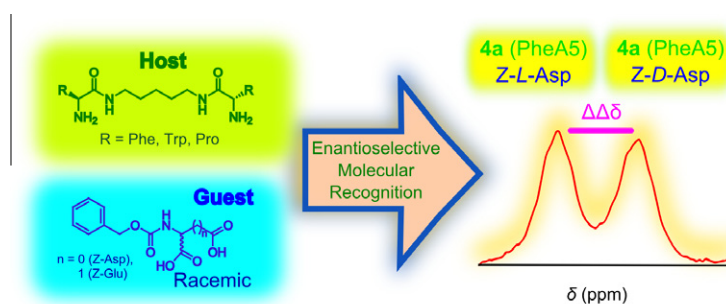
Takuya Toyama, Shizuka Komori, Junro Yoshino, Naoto Hayashi, Hiroyuki Higuchi*



Bis(amino amides) derived from natural amino acids as chiral receptors for *N*-protected dicarboxylic amino acids

pp 72–79

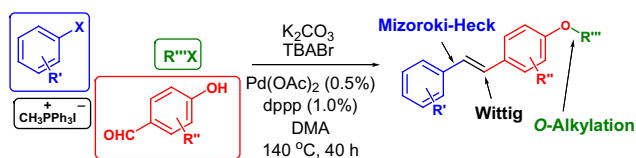
Belén Altava*, M. Isabel Burguete, Noèlia Carbó, Santiago V. Luis*, Vicente Martí-Centelles, Cristian Vicent



Synthesis of alkyloxy stilbenes by one-pot *O*-alkylation-Wittig and *O*-alkylation-Wittig-Heck reaction sequence

pp 80–84

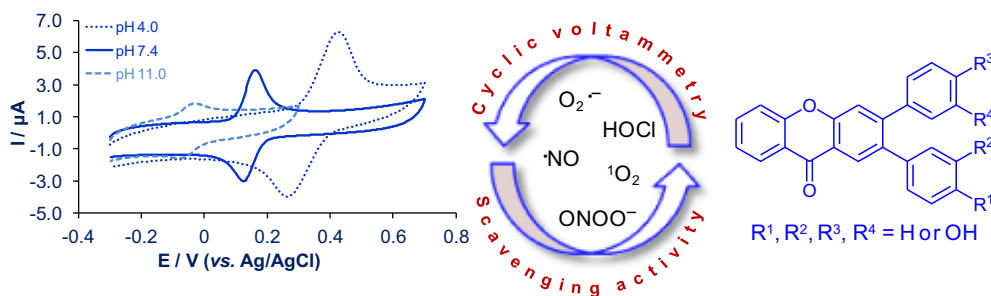
Krupa N. Patel, Bola V. Kamath, Ashutosh V. Bedekar*



Electrochemical characterization of bioactive hydroxyxanthenes by cyclic voltammetry

pp 85–90

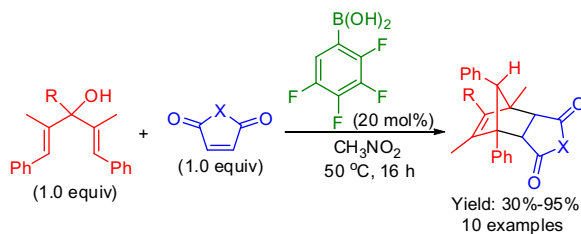
Clementina M. M. Santos*, M. Beatriz Q. Garcia, Artur M. S. Silva, René Santos, Patrice Morlière, Eduarda Fernandes*



Mild boronic acid catalyzed Nazarov cyclization of divinyl alcohols in tandem with Diels–Alder cycloaddition

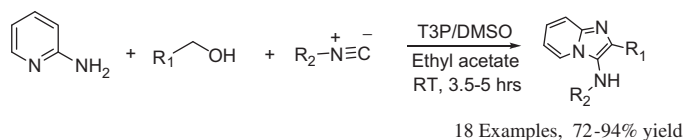
pp 91–94

Hongchao Zheng, Michal Lejkowski, Dennis G. Hall*

**Tandem approach for the synthesis of imidazo[1,2-*a*]pyridines from alcohols**

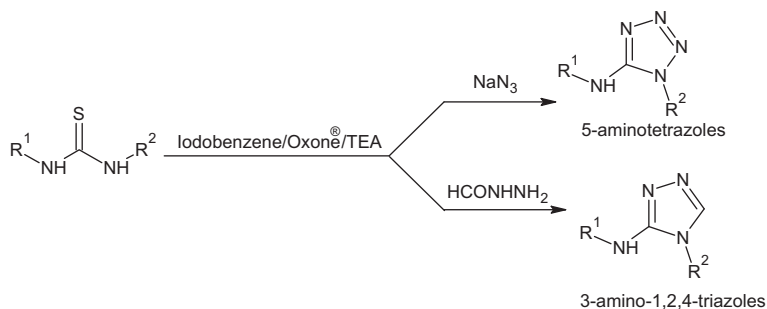
pp 95–100

Ajjahalli B. Ramesha, Goravanahalli M. Raghavendra, Kebbahalli N. Nandeesh, Kanchugarakoppal S. Rangappa, Kempegowda Mantelingu*

**An expedient route to the azoles through oxidative desulfurization using iodine reagent**

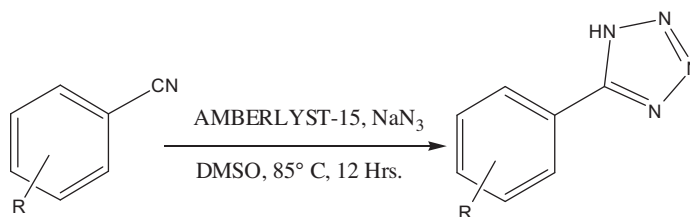
pp 101–105

Nikhil C. Jadhav, Prashant B. Jagadhane, Kavithkumar N. Patel, Vikas N. Telvekar*

**Amberlyst-15 catalyzed synthesis of 5-substituted 1-*H*-tetrazole via [3+2] cycloaddition of nitriles and sodium azide**

pp 106–109

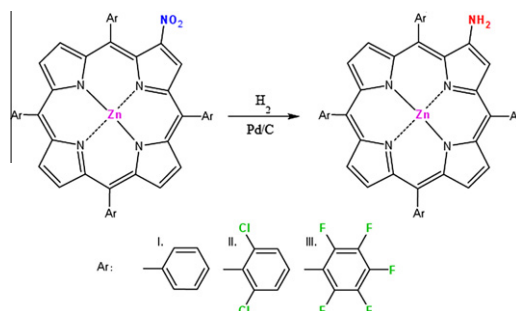
Radheshyam Shelkar, Abhilash Singh, Jayashree Nagarkar*



β -Functionalized zinc(II)aminoporphyrins by direct catalytic hydrogenation

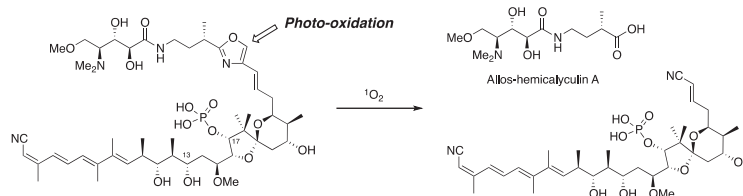
pp 110–113

Monika E. Lipińska, Dalila M. D. Teixeira, Cesar A. T. Laia, Ana M. G. Silva, Susana L. H. Rebelo*, Cristina Freire

**Allos-hemicalyculin A, a photochemically converted calyculin from the marine sponge *Discodermia calyx***

pp 114–116

Miki Kimura, Toshiyuki Wakimoto*, Ikuro Abe*



*Corresponding author

Supplementary data available via SciVerse ScienceDirect

Abstracted/indexed in: AGRICOLA, Beilstein, BIOSIS Previews, CAB Abstracts, Chemical Abstracts, Chemical Engineering and Biotechnology Abstracts, Current Biotechnology Abstracts, Current Contents: Life Sciences, Current Contents: Physical, Chemical and Earth Sciences, Current Contents Search, Derwent Drug File, Ei Compendex, EMBASE/Excerpta Medica, Medline, PASCAL, Research Alert, Science Citation Index, SciSearch. Also covered in the abstract and citation database SciVerse Scopus®. Full text available on SciVerse ScienceDirect®

Available online at www.sciencedirect.com**SciVerse ScienceDirect**

ISSN 0040-4039