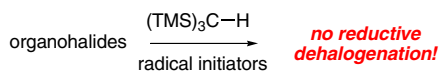


Contents

COMMUNICATIONS

Tris(trimethylsilyl)methane is *not* an effective mediator of radical reactions pp 5585–5588

Alistair I. Longshaw, Michael W. Carland, Elizabeth H. Krenske, Michelle L. Coote* and Michael S. Sherburn*

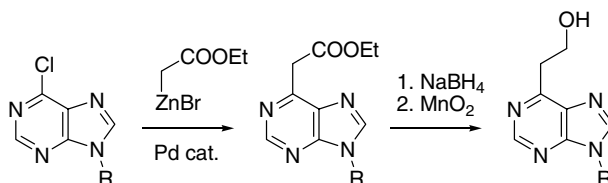


A joint experimental–computational investigation shows that $(\text{TMS})_3\text{CH}$ is not a useful radical reducing agent.



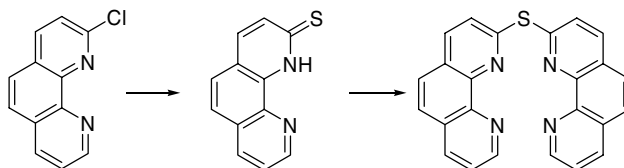
Synthesis of (purin-6-yl)acetates and 6-(2-hydroxyethyl)purines via cross-couplings of 6-chloropurines with the Reformatsky reagent pp 5589–5592

Zbyněk Hasník, Peter Šilhár and Michal Hocek*



Synthesis and reactions of 1,10-phenanthroline-2(1H)-thione: a facile synthesis of 2,2'-thiobis-1,10-phenanthroline pp 5593–5595

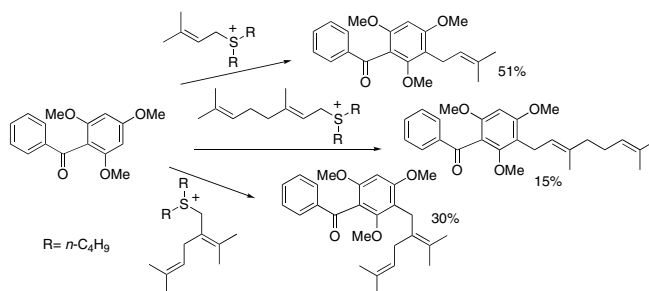
A. Paul Krapcho,* Silvia Sparapani and Matthew Boxer



Sulfonium salts as prenyl, geranyl, and isolavandulyl transfer agents towards benzoylphloroglucinol derivatives

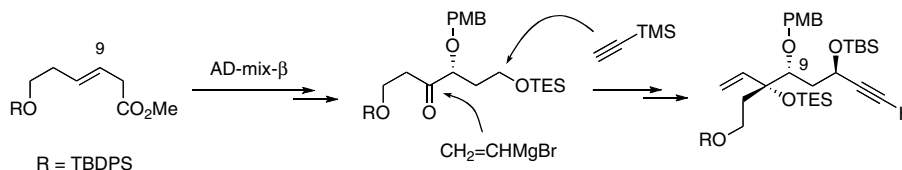
pp 5597–5600

Soleñ Brajeul, Bernard Delpech* and Christian Marazano*


Improved synthesis of the polyhydroxylated central part of phoslactomycin B

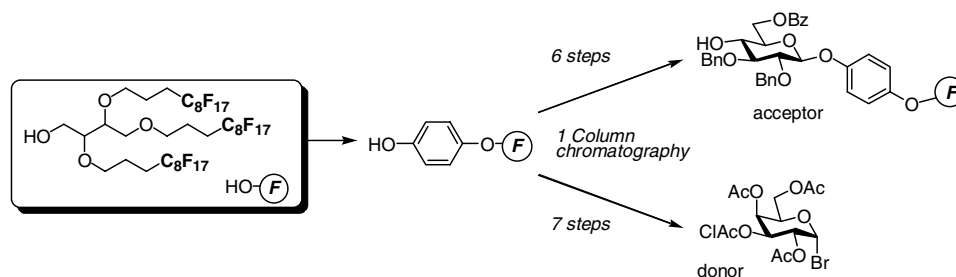
pp 5601–5604

Hisato Nonaka, Noriaki Maeda and Yuichi Kobayashi*


Synthesis of monosaccharide units using fluororous method

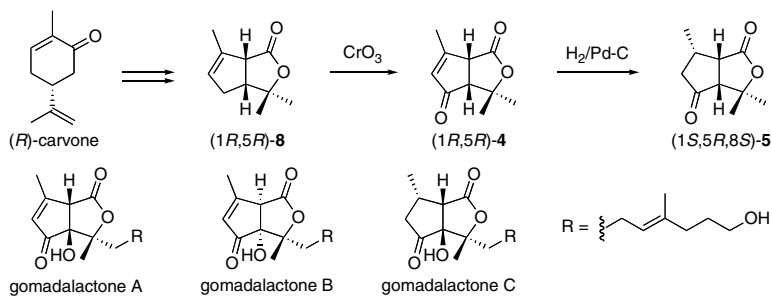
pp 5605–5608

Kohtarō Goto and Mamoru Mizuno*


Absolute configuration of gomadalactones A, B and C, the components of the contact sex pheromone of *Anoplophora malasiaca*

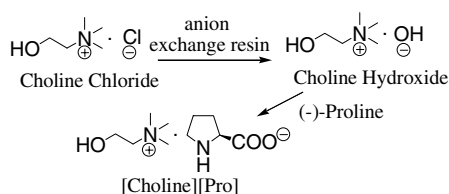
pp 5609–5611

Kenji Mori



Functional ionic liquid from biorenewable materials: synthesis and application as a catalyst in direct aldol reactions pp 5613–5617

Suqin Hu, Tao Jiang, Zhaofu Zhang, Anlian Zhu, Buxing Han,* Jinliang Song, Ye Xie and Wenjing Li

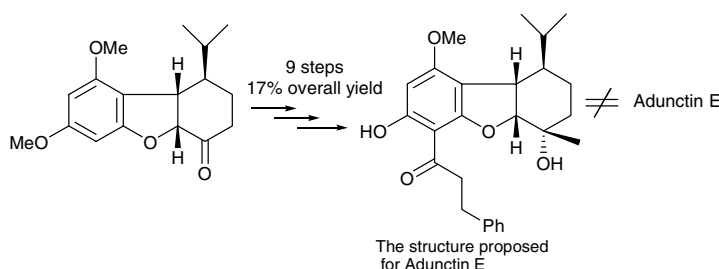


A new functional ionic liquid (2-hydroxyethyl)-trimethyl-ammonium (*S*)-2-pyrrolidinecarboxylic acid salt ([Choline][Pro]) has been synthesized from biorenewable raw materials through a green chemistry route. It can be used to catalyze direct aldol reactions efficiently in water, and reused easily.


Discrepancy of the spectral data between adunctin E and the synthetic one

pp 5619–5622

Masayuki Yamashita, Navnath Dnyanoba Yadav, Yuto Sumida, Ikuo Kawasaki, Ai Kurume and Shunsaku Ohta*

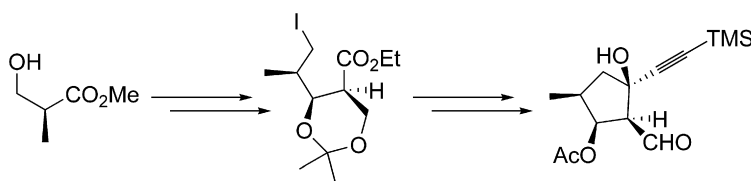


The compound proposed for adunctin E by Sticher was prepared, however, the spectral data of the prepared one were inconsistent with those previously reported for adunctin E.

Concise synthesis of a highly functionalized cyclopentane segment: toward the total synthesis of kansuine A

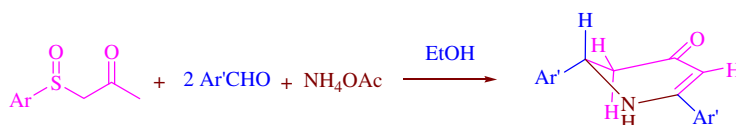
pp 5623–5625

Kenichiro Shimokawa, Hiroyoshi Takamura and Daisuke Uemura*

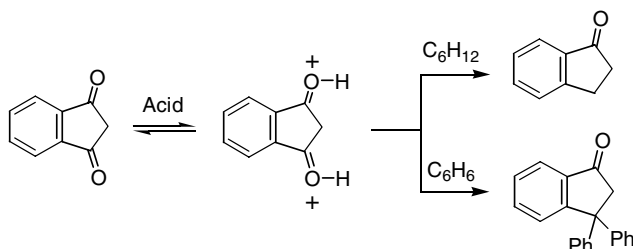

A facile four-component tandem protocol for the synthesis of novel 2,6-diaryl-2,3-dihydro-1*H*-pyridin-4-ones

pp 5627–5629

Natarajan Savitha Devi and Subbu Perumal*

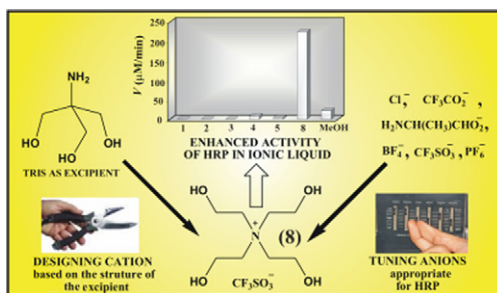


Superacidic and HUSY-zeolite activation of 1,3-indandione: reactions with benzene and cyclohexane pp 5631–5634
Konstantin Yu. Koltunov



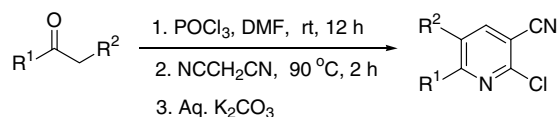
1,3-Indandione condenses with benzene and undergoes selective ionic hydrogenation with cyclohexane under the action of superacids, such as CF₃SO₃H, AlCl₃ and AlBr₃ to give 3,3-diphenyl-1-indanone and 1-indanone, respectively. The same reactions are mediated successfully by the regenerable solid acid, HUSY-zeolite. The results obtained are interpreted in terms of key dicationic (superelectrophilic) intermediates.

Improved activity of horseradish peroxidase (HRP) in ‘specifically designed’ ionic liquid pp 5635–5639
Dibyendu Das, Antara Dasgupta and Prasanta Kumar Das*



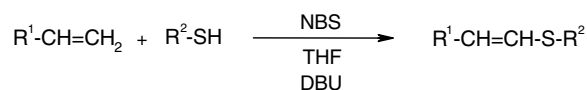
A facile method for the synthesis of nicotinonitriles from ketones via a one-pot chloromethyleneiminium salt mediated three-component reaction pp 5641–5643

C. V. Asokan, E. R. Anabha,* Ajith Dain Thomas, Ann Maria Jose, K. C. Lethesh, M. Prasanth and K. U. Krishanraj



N-Bromosuccinimide–thiol cobromination in basic medium: an efficient one-pot transformation of olefins into the corresponding enol thioethers pp 5645–5647

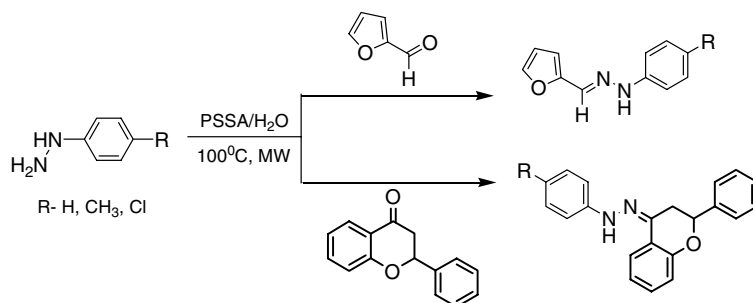
H. Zoghlami,* I. Chehidi, M. Romdhani, M. M. Chaabouni and A. Baklouti



A convenient method for the one-pot conversion of olefins into the corresponding enol thioethers is reported.

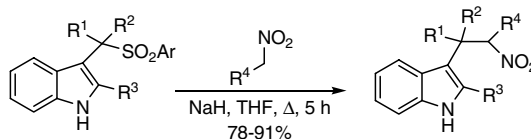
Polystyrene sulfonic acid catalyzed greener synthesis of hydrazones in aqueous medium using microwaves pp 5649–5652

Vivek Polshettiwar and Rajender S. Varma*



Synthesis of 3-(2-nitroalkyl) indoles by reaction of 3-(1-arylsulfonylalkyl) indoles with nitroalkanes pp 5653–5656

Alessandro Palmieri, Marino Petrini* and Elisabetta Torregiani



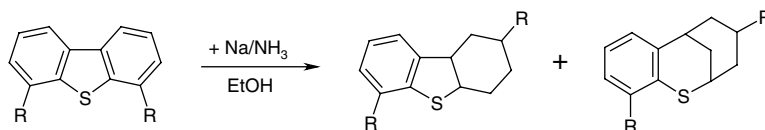
Sulfonyl indoles act as effective precursors of vinylogous imino derivatives in the reaction with nitroalkanes under basic conditions leading to the corresponding nitro indoles in good yield.



Molecular rearrangement in the Birch reduction of dibenzothiophenes

pp 5657–5659

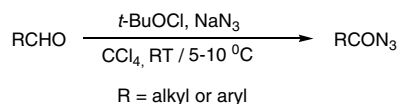
Pavel Kukula,* Andreas Dutly, Heinz Rügger and Roel Prins*



Direct conversion of aldehydes to acyl azides using *tert*-butyl hypochlorite

pp 5661–5664

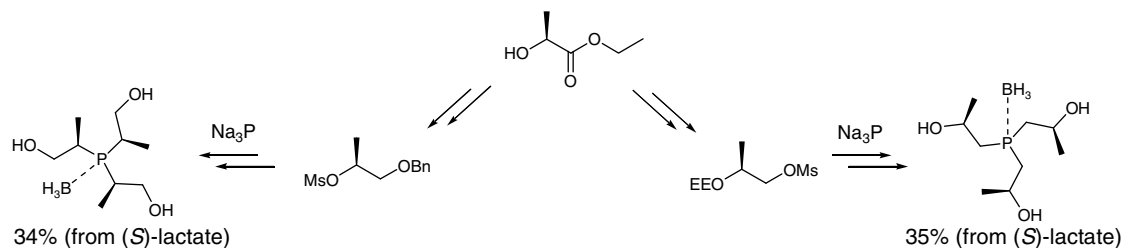
Nitin D. Arote and Krishnacharya G. Akamanchi*



(*R,R,R*)-Tris(2-hydroxy-1-methylethyl)- and (*S,S,S*)-tris(2-hydroxy-2-methylethyl)phosphine:

pp 5665–5668

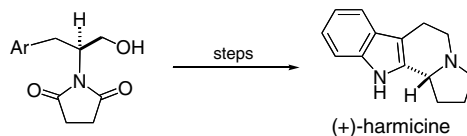
Peter Kasák, Vladimir B. Arion and Michael Widhalm*

**A new asymmetric synthesis of the natural enantiomer of the indolizidino[8,7-*b*]indole alkaloid**

pp 5669–5671

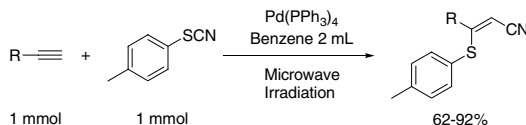
(+)-harmicine

Steven M. Allin,* Sean N. Gaskell, Mark R. J. Elsegood and William P. Martin

**Microwave-assisted palladium-catalyzed regioselective cyanothiolation of alkynes with thiocyanates**

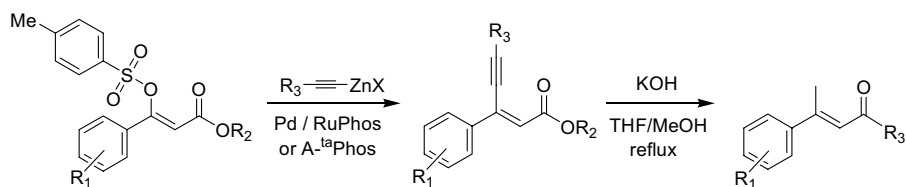
pp 5673–5677

Young Tak Lee, Soo Young Choi and Young Keun Chung*

**Preparation and decarboxylative rearrangement of (*Z*)-enyne esters**

pp 5679–5682

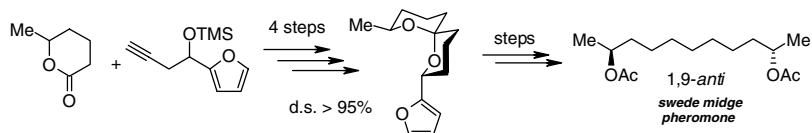
Jacqueline C. S. Woo, Shawn D. Walker* and Margaret M. Faul



Furanyl spiroketals as stereochemical relays in the synthesis of 1,9-*anti* diols: synthesis of insect pheromones

pp 5683–5686

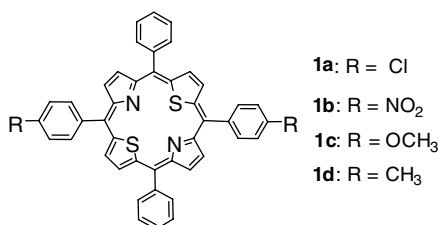
Shane Cahill, Lyndsay A. Evans and Matthew O'Brien*



Synthesis and crystal structure of 21,23-dithiaporphyrins and their nonlinear optical activities

pp 5687–5691

Yan Zhu, Yi-Zhou Zhu, Hai-Bin Song, Jian-Yu Zheng,* Zhi-Bo Liu and Jian-Guo Tian*



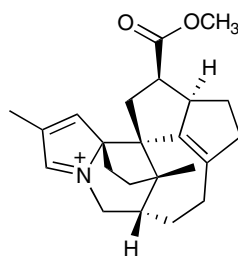
A series of novel 21,23-dithiaporphyrins (DSPs), which have much larger nonlinear refractive cross section than normal porphyrins and exhibit reverse saturable absorption, have been synthesized and characterized.



Calyciphylline G, a novel alkaloid with an unprecedented fused-hexacyclic skeleton from *Daphniphyllum calycinum*

pp 5693–5695

Shizuka Saito, Takaaki Kubota and Jun'ichi Kobayashi*

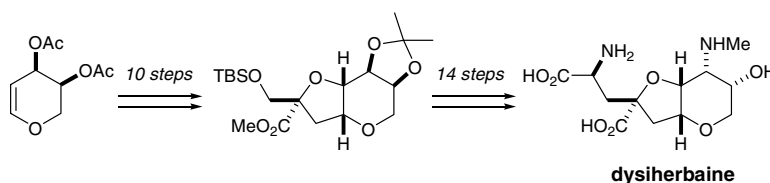


Calyciphylline G

Total synthesis of dysiherbaine

pp 5697–5700

Makoto Sasaki,* Nobuyuki Akiyama, Koichi Tsubone, Muneo Shoji, Masato Oikawa and Ryuichi Sakai

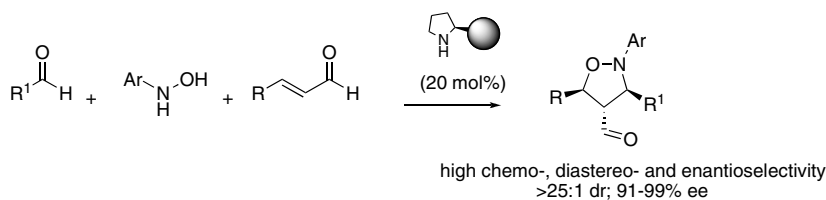


An efficient synthetic route to dysiherbaine is described.

A simple one-pot, three-component, catalytic, highly enantioselective isoxazolidine synthesis

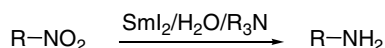
pp 5701–5705

Ramon Rios, Ismail Ibrahim, Jan Vesely, Gui-Ling Zhao and Armando Córdova*

**Instantaneous SmI₂/H₂O/amine mediated reduction of nitroalkanes and α,β-unsaturated nitroalkenes**

pp 5707–5710

Tobias Ankner and Göran Hilmersson*

**OTHER CONTENT****Calendar**

p I

*Corresponding author

i* Supplementary data available via ScienceDirect

COVER

Plausible biogenetic path of calyciphylline G, a novel cytotoxic alkaloid with an unprecedented fused-hexacyclic skeleton containing a 5-azatricyclo[6.2.1.0^{1,5}]undecane ring, isolated from the stems of *Daphniphyllum calycinum*.

Tetrahedron Letters **2007**, *48*, 5693–5695.

© 2007 J. Kobayashi Published by Elsevier Ltd.

Available online at www.sciencedirect.com

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 SCOPUS®. Full text available on ScienceDirect®



ELSEVIER

ISSN 0040-4039