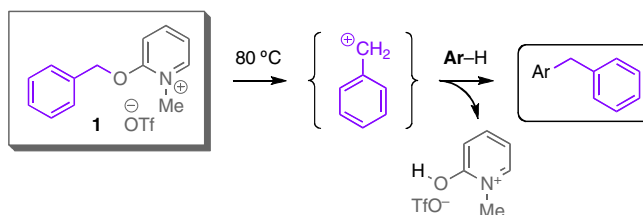


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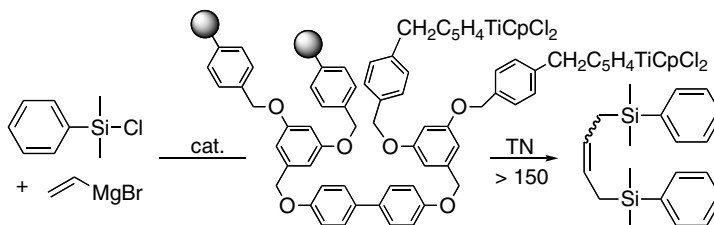
Philip A. Albiniaik and Gregory B. Dudley*



2-Benzyloxy-1-methylpyridinium triflate (**1**) serves as a stable precursor to a phenylcarbenium species as evidenced by its reactivity in Friedel–Crafts alkylations with electron-rich arenes.

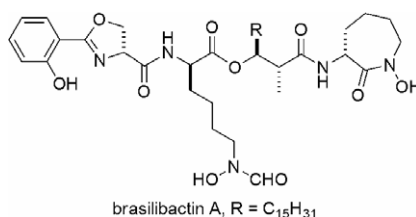
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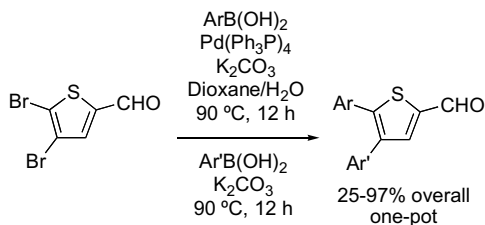
Yongcheng Ying and Jiyong Hong*



Regioselective double Suzuki couplings of 4,5-dibromothiophene-2-carboxaldehyde

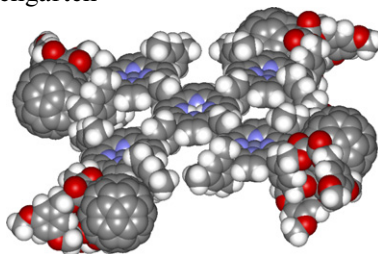
pp 8108–8110

Scott T. Handy* and Diyar Mayi

**Restricted rotation in a tetrakis(*para*-substituted phenyl) porphyrin bearing four porphyrin–fullerene substituents**

pp 8111–8115

Maxence Urbani and Jean-François Nierengarten*

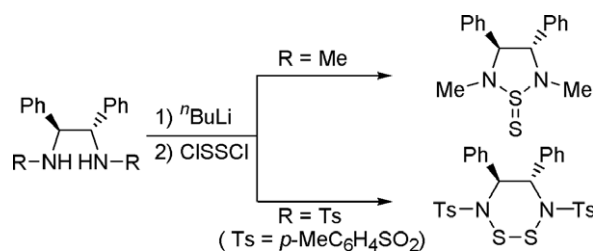


A porphyrin substituted with four porphyrin–fullerene moieties has been prepared and variable-temperature NMR studies revealed a high barrier to free rotation about the four *para*-substituted phenyl groups of the central porphyrin core.

Preparation and properties of nitrogen-substituted thiosulfinyl compounds and related new heterocycles

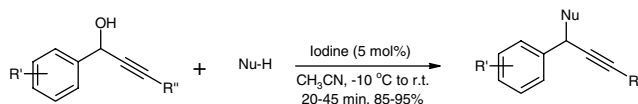
pp 8116–8119

Sanae Yoshida, Yoshiaki Sugihara and Juzo Nakayama*

**Iodine-catalyzed C- and O-nucleophilic substitution reactions of aryl-propargyl methanols**

pp 8120–8124

P. Srihari,* Dinesh C. Bhunia, P. Sreedhar, S. S. Mandal, J. Shyam Sunder Reddy and J. S. Yadav

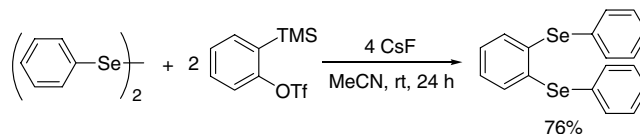


$\text{R}' = \text{H, OMe, F}$
 $\text{R}'' = \text{TMS, Ph, } n\text{-pentyl}$
 $\text{Nu-H} = \text{alkyl alcohol, phenol, anisole, 2-naphthol, indole}$

The diorgano dichalcogenides addition to benzyne under mild conditions

pp 8125–8127

Fabiano T. Toledo, Henrique Marques, João V. Comasseto and Cristiano Raminelli*



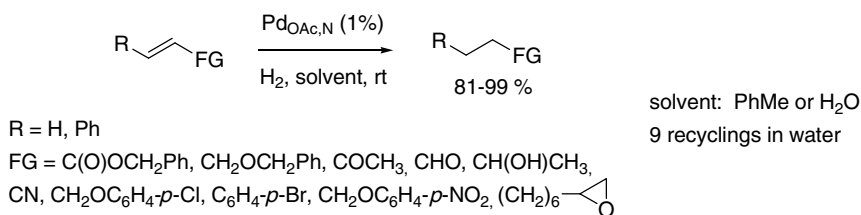
The reaction between diorgano dichalcogenides and *o*-(trimethylsilyl)phenyl triflate in the presence of CsF at room temperature produced *o*-bis(organochalcogenide)benzenes in moderate to good yields.



Palladium nanoparticles-catalyzed chemoselective hydrogenations, a recyclable system in water

pp 8128–8131

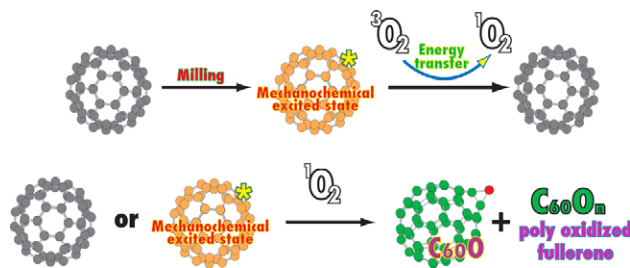
Nuria Miro Callis, Emilie Thiery, Jean Le Bras* and Jacques Muzart



Solvent free mechanochemical oxygenation of fullerene under oxygen atmosphere

pp 8132–8137

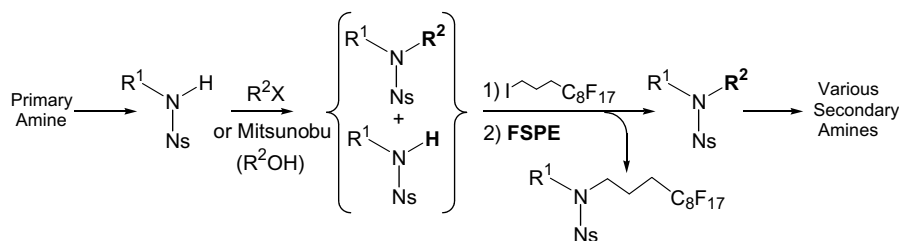
Hiroto Watanabe, Eitaro Matsui, Yuichi Ishiyama and Mamoru Senna*



Fluorous scavenger for parallel preparation of tertiary sulfonamides leading to secondary amines

pp 8138–8140

Emmanuel Baslé, Mickaël Jean, Nicolas Gouault, Jacques Renault* and Philippe Uriac

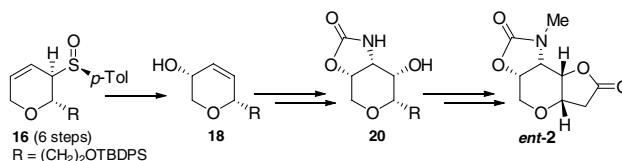
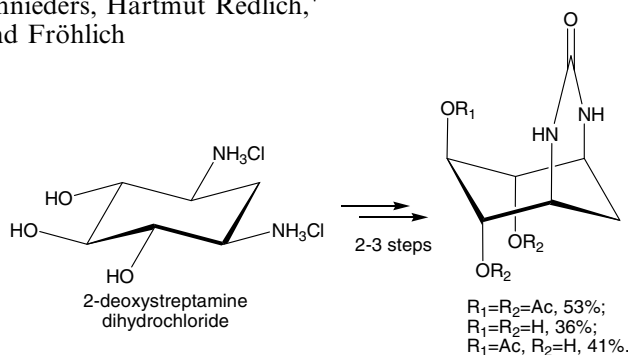


A rapid purification of tertiary sulfonamides was facilitated by FSPE and allowed for parallel secondary amines preparation.

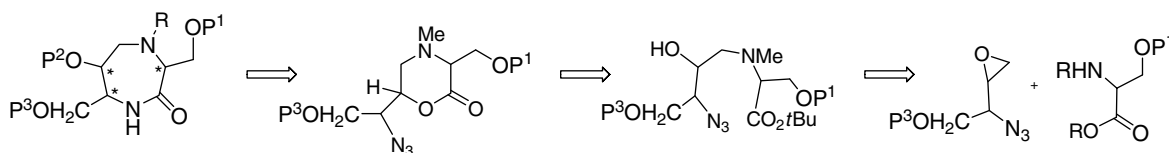
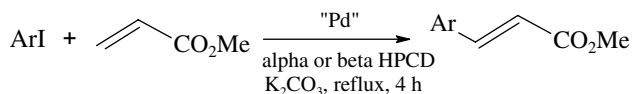


Formal synthesis of *ent*-dysiherbaine from sulfinyl dihydropyrans by sigmatropic rearrangement and tethered aminohydroxylation pp 8141–8144

Roberto Fernández de la Pradilla,* Nadia Lwoff and Alma Viso


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Efficient synthesis of polyfunctionalised enantiopure diazeponone scaffolds pp 8149–8152

Olivier Monasson, Maryon Ginisty, Gildas Bertho, Christine Gravier-Pelletier* and Yves Le Merrer*

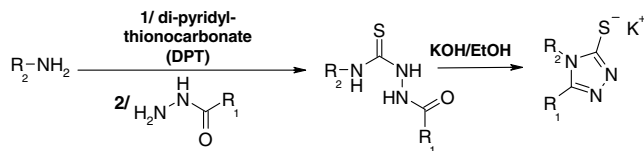

Phosphine-free Heck reactions in aqueous medium using hydroxypropylated cyclodextrins as supramolecular hosts pp 8153–8156
Jaqueline D. Senra, Luiz Fernando B. Malta, Andréa Luzia F. de Souza, Marta E. Medeiros,
Lúcia C. S. Aguiar and O. A. C. Antunes*

It was made possible to carry out Heck reactions in aqueous media using hydroxypropylated CDs. Best yields were obtained with Pd/CaCO₃ as catalyst reservoir. Recycle of the whole system has been made possible up to three times.

Convenient synthesis of 4*H*-1,2,4-triazole-3-thiols using di-2-pyridylthionocarbonate

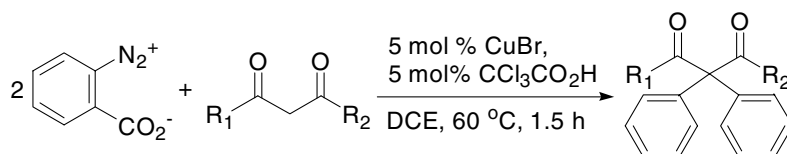
pp 8157–8162

Rebecca F. Deprez-Poulain,* Julie Charton, Virginie Leroux and Benoit P. Deprez

**Tandem coupling reactions of benzynes and 1,3-diones: a novel synthesis of 2,2-diphenyl-1,3-diones**

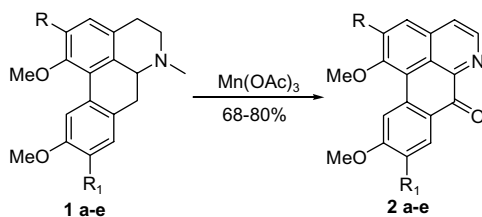
pp 8163–8165

Yun-Yun Yang, Wang-Ge Shou and Yan-Guang Wang*

**Manganese(III) acetate mediated oxidation of aporphines: a convenient and useful synthesis of oxoaporphines**

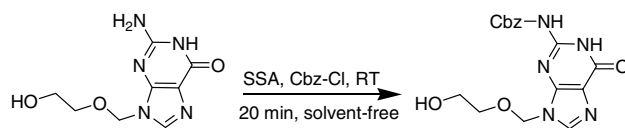
pp 8166–8169

Om V. Singh,* Wei-Jan Huang, Chung-Hsiung Chen and Shoei-Sheng Lee*

**An efficient and chemoselective Cbz-protection of amines using silica-sulfuric acid at room temperature**

pp 8170–8173

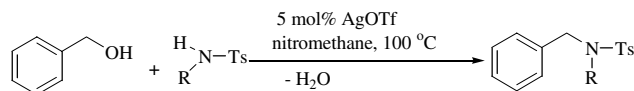
Manoj B. Gawande, Vivek Polshettiwar, Rajender S. Varma* and Radha V. Jayaram*



AgOTf catalyzed direct amination of benzyl alcohols with sulfonamides

pp 8174–8177

B. Sreedhar,* P. Surendra Reddy, M. Amarnath Reddy, B. Neelima and R. Arundhathi

**General, fast, and high yield oxidation of thiols and disulfides to sulfonic and sulfinic acids using HOF·CH₃CN**

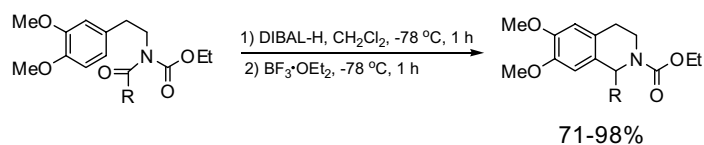
pp 8178–8181

Neta Shefer, Mira Carmeli and Shlomo Rozen*

**A variation of the Pictet–Spengler reaction via a sequential reduction–cyclization reaction of N-acylcarbamates: synthesis of 1-substituted tetrahydroisoquinoline derivatives**

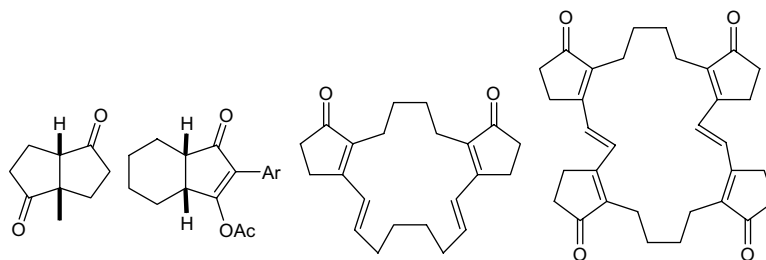
pp 8182–8184

Chutima Kuhakarn,* Nattakan Panyachariwat and Somsak Ruchirawat*

**Diverse carbocyclic systems using geminal acylation as a key process**

pp 8185–8188

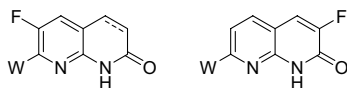
Fuye Gao and D. Jean Burnell*



Synthesis of fluorinated 1,8-naphthyridinone derivatives

pp 8189–8191

Joseph T. Repine,* Douglas S. Johnson,* Timothy Stuk, Andrew D. White, Michael A. Stier, Tingsheng Li, Zhixiang Yang and Samarendra N. Maiti

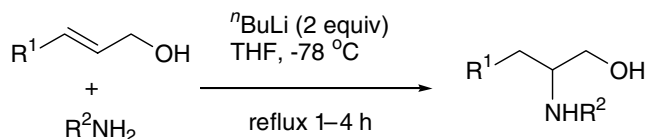


Processes for the synthesis of fluorinated 1,8-naphthyridinone derivatives including 6,7-difluoro-1,8-naphthyridin-2-one are described.

**Hydroamination of cinnamyl alcohol using lithium amides**

pp 8192–8195

Conor S. Barry and Nigel S. Simpkins*

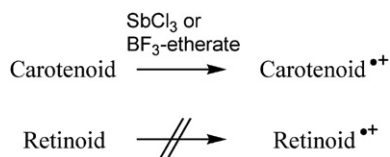


Hydroamination of cinnamyl alcohol is possible by reaction with lithium amides derived from primary or cyclic secondary amines.

Comparative studies on radical cation formation from carotenoids and retinoids

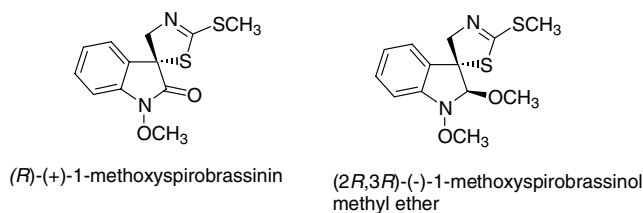
pp 8196–8199

Geir Kildahl-Andersen, Tatyana A. Konovalova, A. Ligia Focsan, Lowell D. Kispert, Thorleif Anthonsen and Synnøve Liaaen-Jensen*

**Stereoselective synthesis of (*R*)-(+)-1-methoxyspirobrassinin, (2*R*,3*R*)-(-)-1-methoxyspirobrassinol methyl ether and their enantiomers or diastereoisomers**

pp 8200–8204

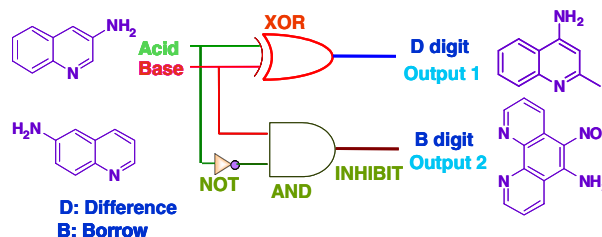
Zuzana Čurillová, Peter Kutschy,* Mariana Budovská, Atsufumi Nakahashi and Kenji Monde



Half-subtractor operation in pH responsive N-heterocyclic amines

pp 8205–8208

Moorthy Suresh, Amrita Ghosh and Amitava Das*

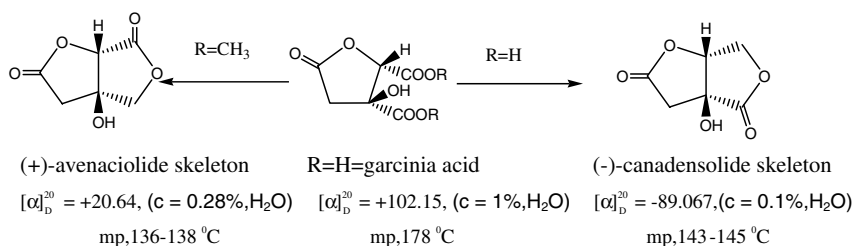


Examples are given of a simple unimolecular system functioning as a combinational logic circuit for a half-subtractor. Intramolecular charge transfer processes in simple molecules can be exploited to implement combinational digital operation.

**Synthesis of enantiopure concave (+)-avenaciolide and (-)-canadensolide skeletons**

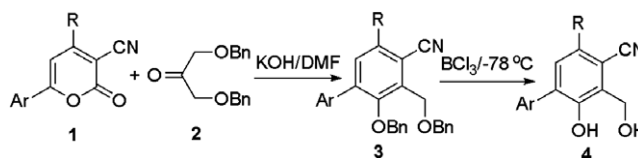
pp 8209–8212

Susan Varugese, Salini Thomas, Simimole Haleema, TomThomas Puthiaparambil and Ibrahim Ibnusaud*

**A novel strategy for the expeditious synthesis of aryl-tethered highly congested 2-hydroxybenzyl alcohols from 2-pyranones**

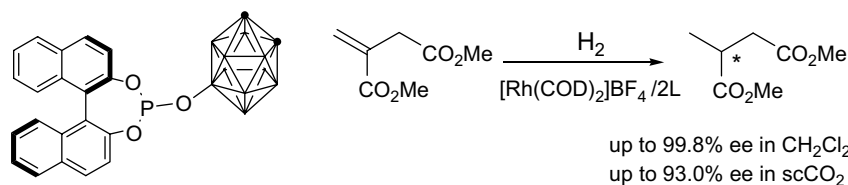
pp 8213–8216

Farhanullah, Farhana Samrin and Vishnu Ji Ram*

**Carboranylphosphites—new effective ligands for rhodium-catalyzed asymmetric hydrogenation of dimethyl itaconate**

pp 8217–8219

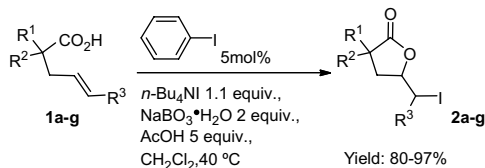
Sergey E. Lyubimov,* Andrey A. Tyutyunov, Valery N. Kalinin, Ernest E. Said-Galiev, Alexey R. Khokhlov, Pavel V. Petrovskii and Vadim A. Davankov



Iodobenzene-catalysed iodolactonisation using sodium perborate monohydrate as oxidant

pp 8220–8222

Hongjun Liu and Choon-Hong Tan*



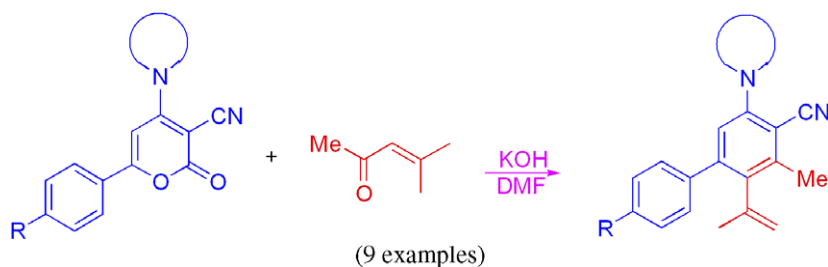
A convenient approach has been developed for iodolactonisation using iodobenzene as catalyst. The active reagent was generated in situ with tetra-*n*-butylammonium iodide (TBAI) and diacetoxyiodobenzene (PIDA). PIDA, in turn, was generated in situ using a catalytic amount of iodobenzene with sodium perborate monohydrate as the stoichiometric oxidant. A variety of olefinic acids including δ -pentenoic acids, δ -pentynoic acids and δ -hexynoic acid gave high yields of lactones using this methodology.



Regioselective synthesis of functionally hindered α -methylstyrenes through ring transformation of 2*H*-pyran-2-ones with mesityl oxide

pp 8223–8226

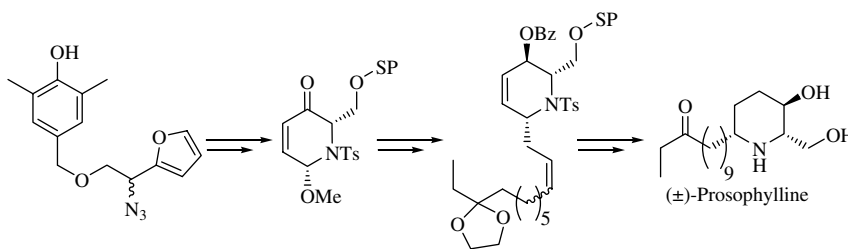
Amit Kumar, Fateh V. Singh and Atul Goel*



Formal synthesis of the piperidine alkaloid (\pm)-prosophylline using polymer-supported dihydro-2*H*-pyridin-3-one

pp 8227–8229

Elias A. Couladouros,* Alexandros T. Strongilos and E. Neokosmidis



The synthesis of (\pm)-prosophylline via a polymer-supported piperidine intermediate is reported.

A simple method for the alkaline hydrolysis of esters

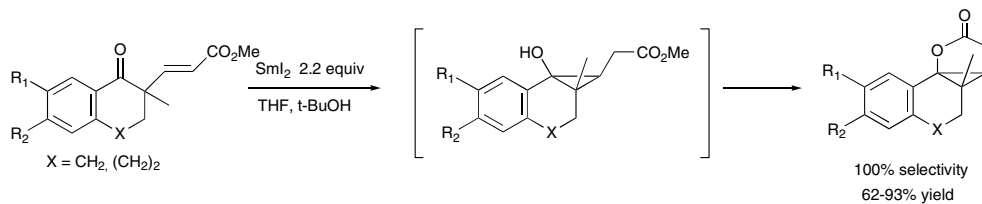
pp 8230–8233

Vassiliki Theodorou,* Konstantinos Skobridis, Andreas G. Tzakos and Valentine Ragoussis

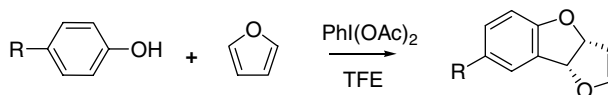


A very mild and rapid procedure for the efficient alkaline hydrolysis of esters in non-aqueous conditions has been developed, by the use of dichloromethane/methanol (9:1) as solvent. A plausible reaction mechanism is also proposed.

A new access to ring-fused cyclopropanols through samarium diiodide-induced 3-*exo*-trig-cyclisations pp 8234–8237
 Riadh Zriba, Sophie Bezzene-Lafollée,* François Guibé* and Caroline Magnier-Bouvier



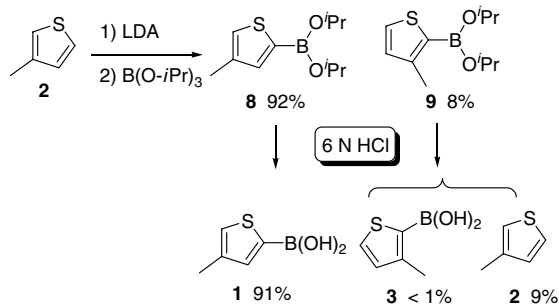
Novel formal [2+3] cycloaddition between substituted phenols and furan pp 8238–8241
 Didier Bérard, Alexandre Jean and Sylvain Canesi*



Treatment of various substituted phenols in the presence of furan, iodobenzene diacetate, and trifluoroethanol promotes oxidative formal [2+3] cycloaddition in moderate to useful yields.

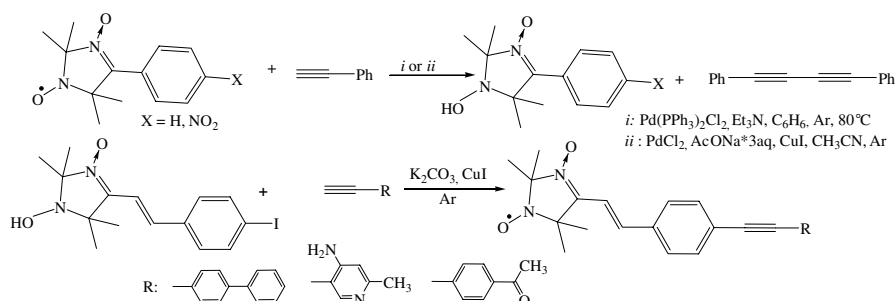
Selective protodeboronation: synthesis of 4-methyl-2-thiopheneboronic anhydride and demonstration of its utility in Suzuki–Miyaura reactions pp 8242–8245

Liane M. Klingensmith,* Matthew M. Bio and George A. Moniz*



Oxidative coupling of alkynes mediated by nitroxyl radicals under Sonogashira conditions and Pd-free catalytic approach to stable radicals of 3-imidazoline family with triple bonds pp 8246–8249

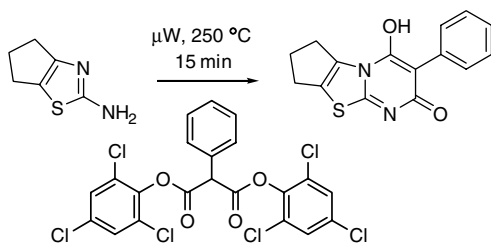
Sergei F. Vasilevsky,* Olga L. Krivenko and Igor V. Alabugin*



Solvent-free microwave synthesis of novel 6-hydroxypyrimidin-4(1*H*)-one derivatives using arylmalonates

pp 8250–8252

Stephanie M. Chichetti, Sean P. Ahearn, Bruce Adams and Alexey Rivkin*



*Corresponding author

i+ Supplementary data available via ScienceDirect

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ISSN 0040-4039