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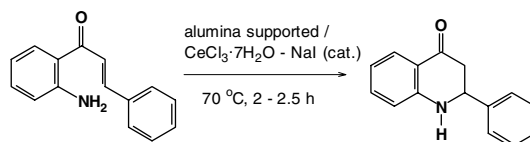
Publisher's Announcement—New Chairman of the Executive Board of Editors for Tetrahedron Publications

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COMMUNICATIONS

Alumina supported-CeCl₃·7H₂O-NaI: an efficient catalyst for the cyclization of 2'-aminochalcones to the corresponding 2-aryl-2,3-dihydroquinolin-4(1H)-ones under solvent free conditions
Naseem Ahmed and Johan E. van Lier*

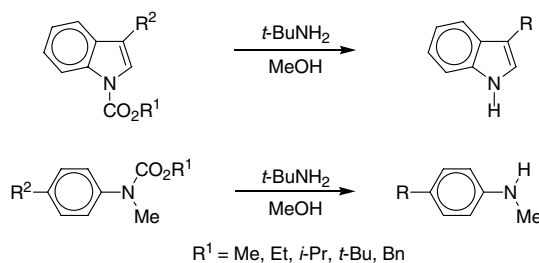
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Cleavage of alkoxy carbonyl protecting groups from carbamates by *t*-BuNH₂

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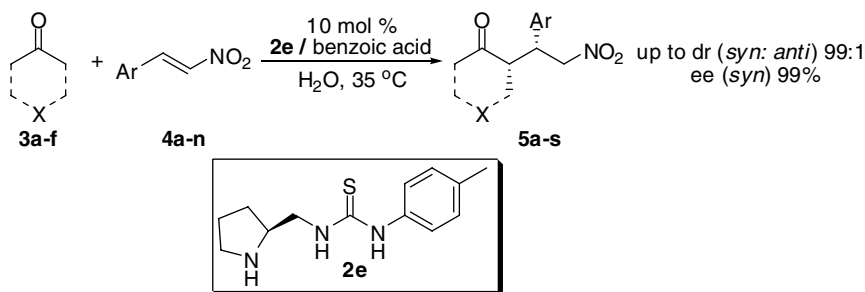
Oscar R. Suárez-Castillo,* Luis Alberto Montiel-Ortega, Myriam Meléndez-Rodríguez and Maricruz Sánchez-Zavala



Michael additions in water of ketones to nitroolefins catalyzed by readily tunable and bifunctional pyrrolidine–thiourea organocatalysts

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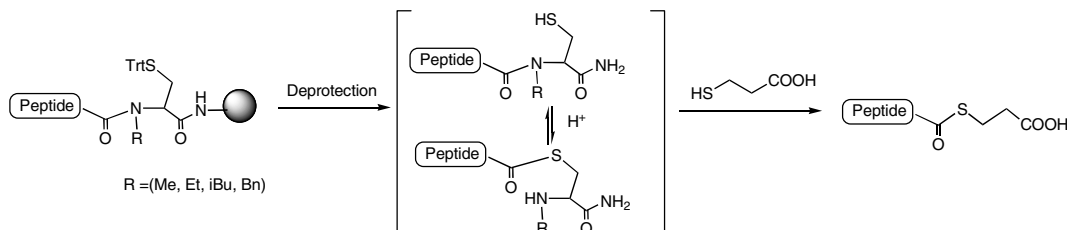
Yi-Ju Cao, Yuan-Yuan Lai, Xiang Wang, Yong-Jian Li and Wen-Jing Xiao*



N-Alkyl cysteine-assisted thioesterification of peptides

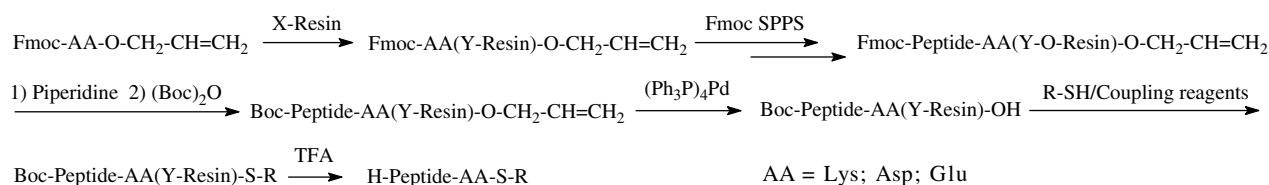
pp 25–28

Hironobu Hojo,* Yuko Onuma, Yuri Akimoto, Yuko Nakahara and Yoshiaki Nakahara*

*N*-Alkyl cysteine at the C-terminus of peptides effectively promotes thioesterification by 3-mercaptopropionic acid.**Transfer allyl esters to thioesters in solid phase condition: synthesis of peptide thioesters by Fmoc chemistry**

pp 29–32

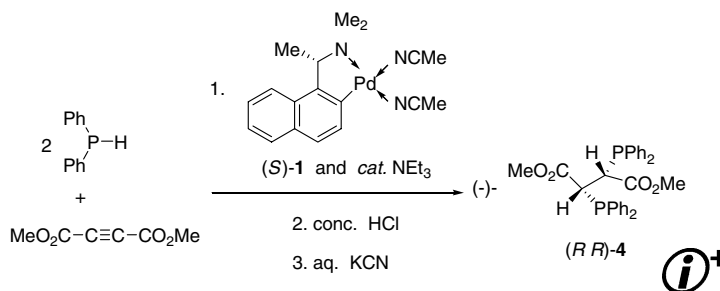
Lei Li and Pu Wang*

**Asymmetric synthesis of dimethyl-1,2-bis-(diphenylphosphino)-1,2-ethanedicarboxylate by means of a chiral palladium template promoted hydrophosphination reaction**

pp 33–35

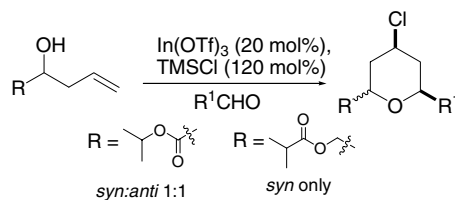
Lulu Tang, Yi Zhang, Luo Ding, Yongxin Li, Kum-Fun Mok, Wee-Chuan Yeo and Pak-Hing Leung*

An optically pure C_2 -symmetrical diphosphine ligand containing two ester functional groups at the two chiral carbon stereogenic centres was prepared efficiently from the asymmetric hydrophosphination reaction between diphenylphosphine and dimethyl acetylenedicarboxylate in the presence of an organopalladium(II) complex derived from (*S*)-*N,N*-dimethyl-1-(1-naphthyl)ethylamine.

**Stereochemical Prins cyclization: electronic versus steric effects on the synthesis of 2,4,6-trisubstituted tetrahydropyran rings**

pp 37–41

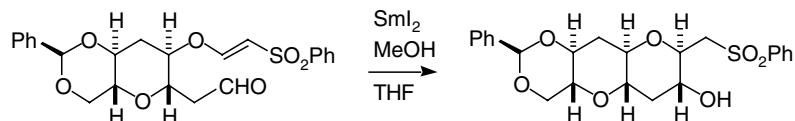
Kok-Ping Chan, Ai-Hua Seow and Teck-Peng Loh*



SmI₂-induced reductive cyclization of (*E*)- and (*Z*)- β -alkoxyvinyl sulfones with aldehyde

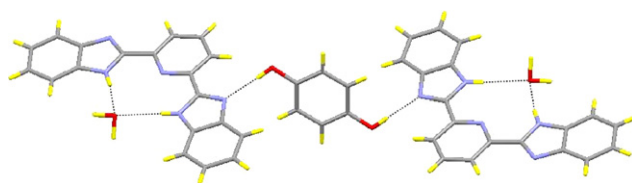
pp 43–46

Tomohiro Kimura and Tadashi Nakata*

**Utilization of 2,6-bis(2-benzimidazolyl)pyridine to detect toxic benzene metabolites**

pp 47–50

Bolin Chetia and Parameswar K. Iyer*

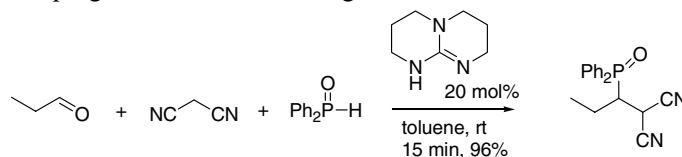


It is demonstrated that 2,6-bis(2-benzimidazolyl)pyridine can act as a sensor to detect toxic metabolites of benzene such as phenol, hydroquinone, resorcinol, catechol and *p*-benzoquinone.

P–C Bond formation via direct and three-component conjugate addition catalyzed by 1,5,7-triazabicyclo[4.4.0]dec-5-ene (TBD)

pp 51–54

Zhiyong Jiang, Yan Zhang, Weiping Ye and Choon-Hong Tan*

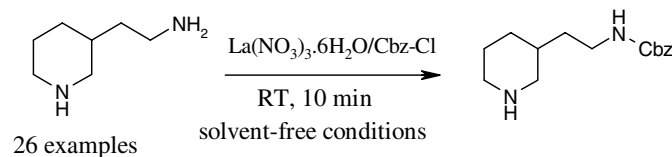


The direct addition of P(O)–H bonds (dialkyl phosphites and diphenyl phosphonite) across various activated alkenes was catalyzed effectively by 1,5,7-triazabicyclo[4.4.0]dec-5-ene (TBD). This is a mild, rapid and efficient protocol to generate P–C bonds. This simple procedure allows a series of dialkyl alkylphosphonates and trisubstituted phosphine oxides to be prepared in high yields. Further investigation resulted in a convenient one-pot, three-component reaction involving diphenylphosphonite, malononitrile and an aldehyde.

**A mild and efficient chemoselective protection of amines as *N*-benzyloxycarbonyl derivatives in the presence of La(NO₃)₃·6H₂O under solvent-free conditions**

pp 55–59

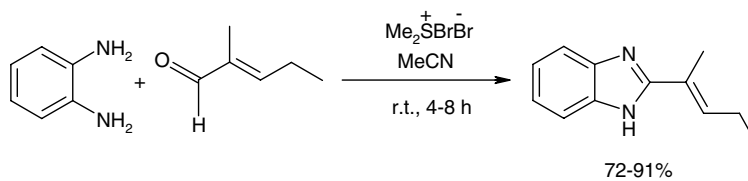
K. Chinni Mahesh, M. Narasimhulu, T. Srikanth Reddy, N. Suryakiran and Y. Venkateswarlu*



Efficient (bromodimethyl)sulfonium bromide mediated synthesis of benzimidazoles

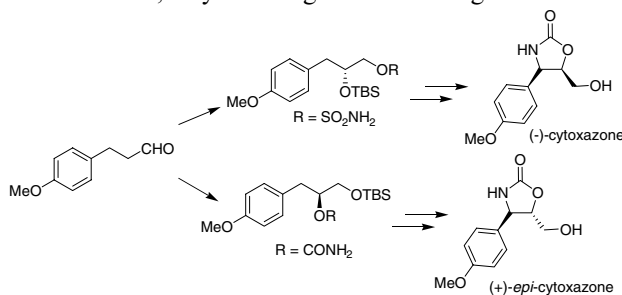
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Biswanath Das,* Harish Holla and Yallamalla Srinivas

**Enantioselective synthesis of (–)-cytoxazone and (+)-*epi*-cytoxazone via Rh-catalyzed diastereoselective oxidative C–H aminations**

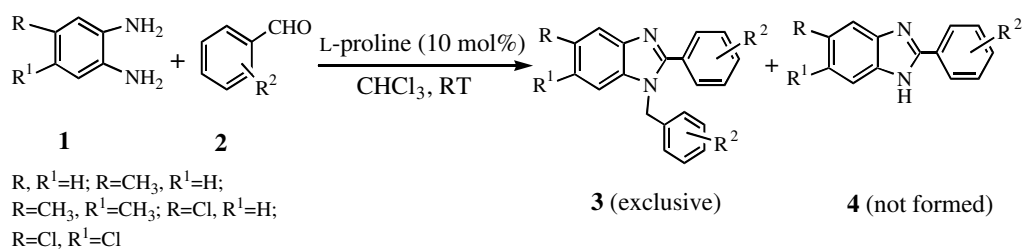
pp 65–68

Srinivasarao V. Narina, Talluri Siva Kumar, Shyla George and Arumugam Sudalai*

**L-Proline catalyzed selective synthesis of 2-aryl-1-arylmethyl-1H-benzimidazoles**

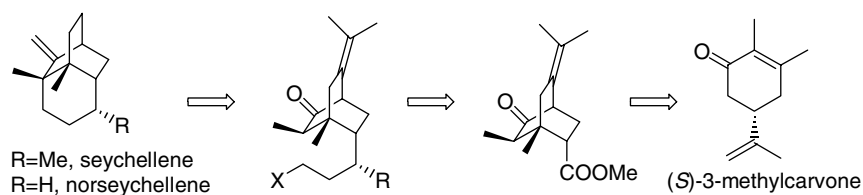
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Ravi Varala, Aayesha Nasreen,* Ramu Enugala and Srinivas R. Adapa*

**The first enantiospecific total synthesis of (+)-seychellene**

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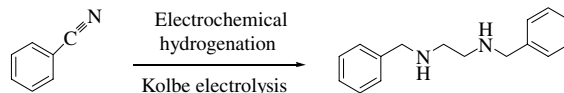
A. Srikrishna,* G. Ravi and G. Satyanarayana



Electroorganic synthesis of benzathine

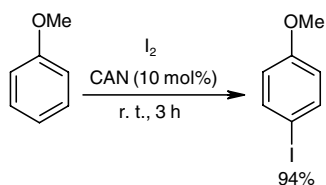
pp 77–80

Shaik Lateef, Srinivasulu Reddy Krishna Mohan and Srinivasulu Reddy Jayarama Reddy*

**A mild and simple regioselective iodination of activated aromatics with iodine and catalytic ceric ammonium nitrate**

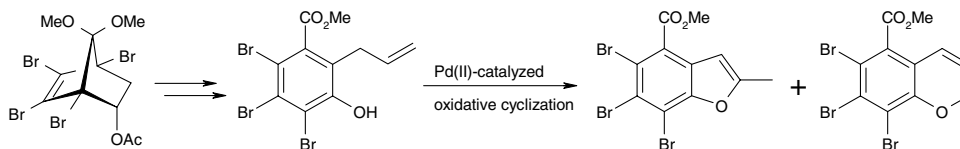
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Biswanath Das,* Maddeboina Krishnaiah, Katta Venkateswarlu and V. Saidi Reddy

**Synthesis of tribromobenzofuran and tribromobenzopyran derivatives from methyl 2-allyl-4,5,6-tribromo-3-hydroxybenzoate**

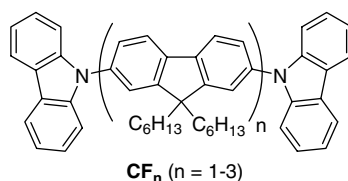
pp 85–88

Faiz Ahmed Khan* and Laxminarayana Soma

**Synthesis and characterization of *N*-carbazole end-capped oligofluorenes**

pp 89–93

Vinich Promarak,* Sayant Saengsuwan, Siriporn Jungstittiwong, Taweesak Sudyoadsuk and Tinnagon Keawin

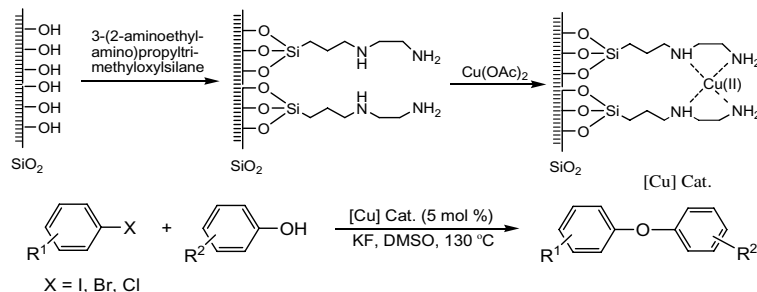


The synthesis and characterization of a series of N -carbazole end-capped oligofluorenes (CF_n , $n = 1-3$) is reported. They were found to be potential blue light-emitting or hole-transporting materials for organic light-emitting diodes (OLEDs).

Immobilization of copper in organic–inorganic hybrid materials: a highly efficient and reusable catalyst for the Ullmann diaryl etherification

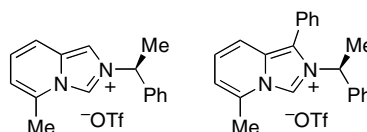
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Tao Miao and Lei Wang*


Synthesis of optically active imidazopyridinium salts and the corresponding NHCs

pp 101–104

Michael A. Schmidt and Mohammad Movassaghi*

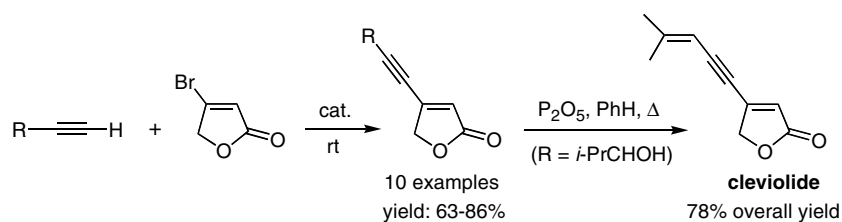


A convergent synthesis of optically active imidazo-[1,5-*a*]-pyridinium salts and the corresponding NHCs is described.

Facile access to 4-(1-alkynyl)-2(5*H*)-furanones by Sonogashira coupling of terminal acetylenes with β -tetrionic acid bromide: efficient synthesis of cleviolide

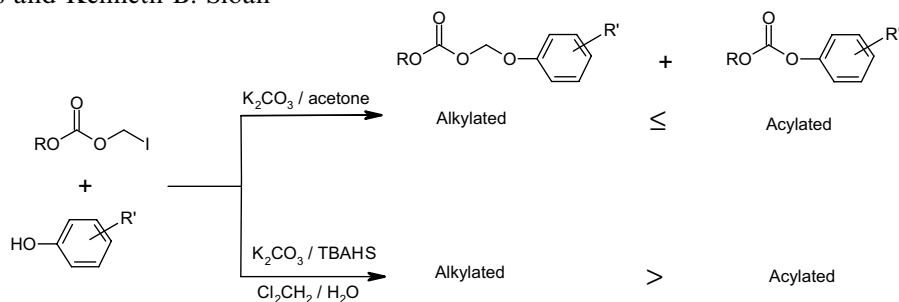
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John Boukouvalas,* Sébastien Côté and Bruno Ndzi


Overcoming steric effects in the coupling reaction of alkyloxycarbonyloxymethyl (AOCOM) halides with phenols: an efficient synthesis of AOCOM phenolic prodrugs

pp 109–112

Joshua D. Thomas and Kenneth B. Sloan*



Regioselective synthesis of 2,4,6-triaminopyridines

pp 113–117

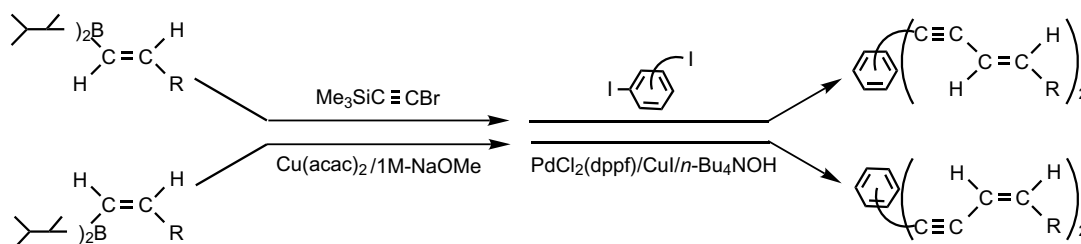
Rupa Shetty,* Duyan Nguyen, Dietmar Flubacher, Franziska Ruggle, Andreas Schumacher, Martha Kelly and Enrique Michelotti

A regioselective synthesis of 2,4,6-trisubstituted pyridine is described starting from 2,6-dibromo-4-nitropyridine. All three different regioisomers of the 2,4,6-triamino substituted pyridine have been synthesized in four to five steps. The method described is a general route to unsymmetrical 2,4,6-trisubstituted amino pyridines.

Synthesis of bis(alk-3-en-1-ynyl)benzene with either *E*- or *Z*-configuration via a one-pot three-component coupling reaction and its optical properties

pp 119–124

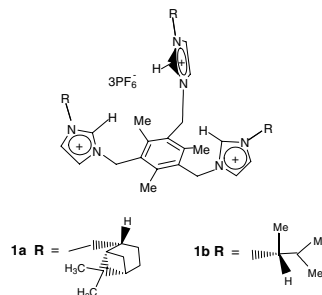
Masayuki Hoshi,* Souichi Suzuki, Shingo Saitoh, Mitsuhiro Okimoto and Kazuya Shirakawa

**Homochiral tripodal imidazolium receptors: structural and anion-receptor studies**

pp 125–128

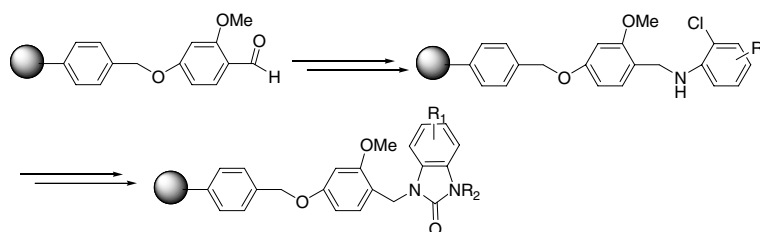
Nameer Alhashimy, Dermot J. Brougham, Joshua Howarth, Alan Farrell, Brid Quilty and Kieran Nolan*

Two homochiral tripodal receptors have been characterised by X-ray crystallography, a first for this class of imidazolium receptor. These receptors were also screened for anion recognition. Both receptors demonstrated selectivity towards chloride and bromide with binding constants as high as 16,000.

**Microwave-assisted traceless synthesis of benzimidazolones**

pp 129–132

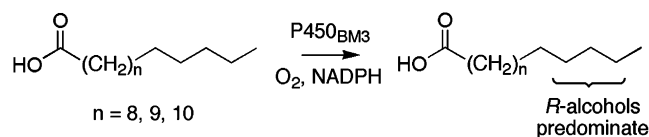
Xin-Jian Xu* and Ying-Xiao Zong



The stereochemistry of fatty acid hydroxylation by cytochrome P450_{BM3}

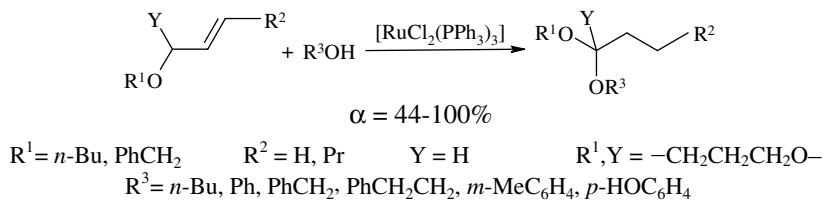
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Max J. Cryle, Nick J. Matovic and James J. De Voss*

**A selective and convenient ruthenium mediated method for the synthesis of mixed acetals and orthoesters**

pp 137–140

Stanisław Krompiec,* Robert Penczek, Nikodem Kuźnik, Jan Grzegorz Małecki and Marek Matlengiewicz

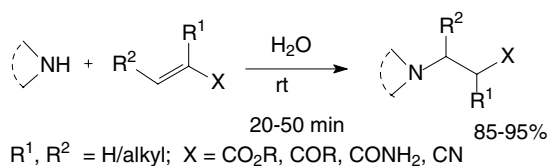


A new method for the synthesis of symmetrical or mixed acetals and orthoesters via inter- or intramolecular addition of an OH group (alcoholic or phenolic) to *O*-allylic systems (ethers or acetals), catalyzed by [RuCl₂(PPh₃)₃] is presented.

Significant rate acceleration of the aza-Michael reaction in water

pp 141–143

Brindaban C. Ranu* and Subhash Banerjee

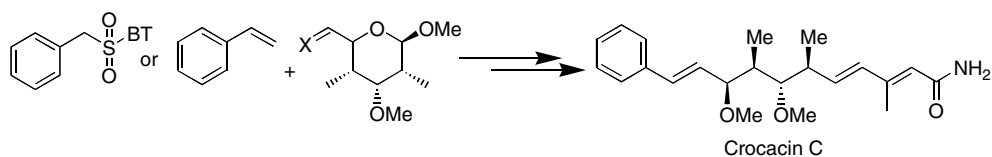


Remarkable rate acceleration is reported for the aza-Michael reaction in water at room temperature in the absence of any catalyst or co-organic solvent.

A formal total synthesis of crocacin C

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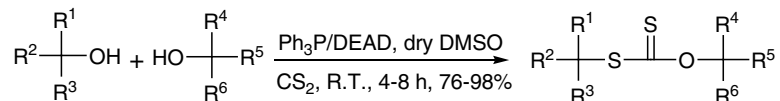
J. S. Yadav,* P. Venkatram Reddy and L. Chandraiah



A high yielding, one-pot synthesis of *O,S*-dialkyl dithiocarbonates from alcohols using Mitsunobu's reagent

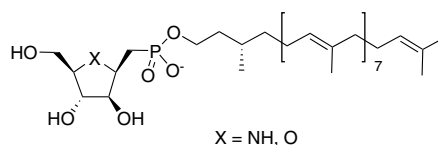
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Devdutt Chaturvedi* and Suprabhat Ray

**Synthesis of 2',3'-dihydrosolaneyl analogues of β -D-arabinofuranosyl-1-monophosphoryldecaprenol with promising antimycobacterial activity**

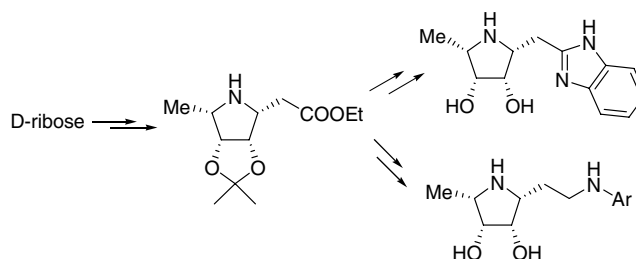
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Michaël Bosco, Philippe Bisseret,* Patricia Constant and Jacques Eustache*

**Stereoselective synthesis of novel five-membered homoazasugars. A convenient route to all-*cis* tetrasubstituted pyrrolidines**

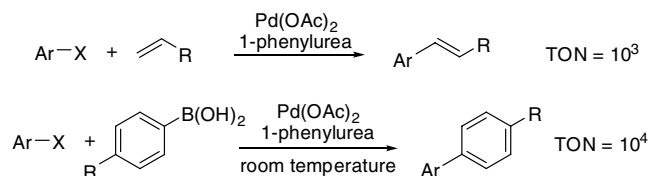
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Elena Moreno-Clavijo, Ana T. Carmona,* Antonio J. Moreno-Vargas and Inmaculada Robina*

***N*-Phenylurea as an inexpensive and efficient ligand for Pd-catalyzed Heck and room-temperature Suzuki reactions**

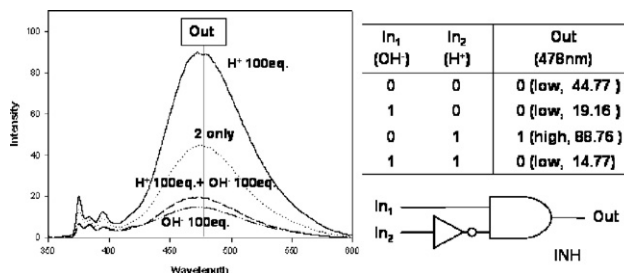
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Xin Cui, Yuan Zhou, Na Wang, Lei Liu* and Qing-Xiang Guo*



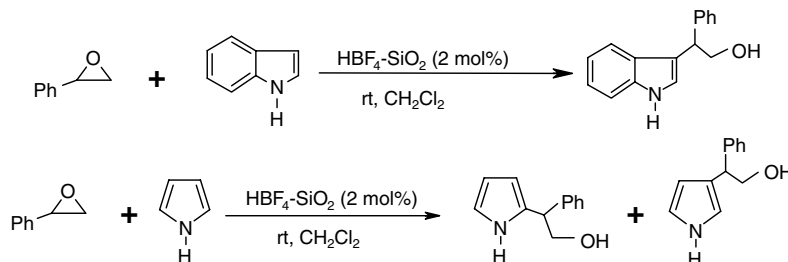
New imidazolium systems bearing two pyrene groups as fluorescent chemosensors for anions and anion induced logic gates pp 169–172

Ha Na Lee, N. Jiten Singh, Sook Kyung Kim, Ji Young Kwon, Yoo Young Kim, Kwang S. Kim* and Juyoung Yoon*



Fluoroboric acid adsorbed on silica gel catalyzed regioselective ring opening of epoxides with nitrogen heterocycles pp 173–176

B. P. Bandgar* and Abasaheb V. Patil



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*Corresponding author

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