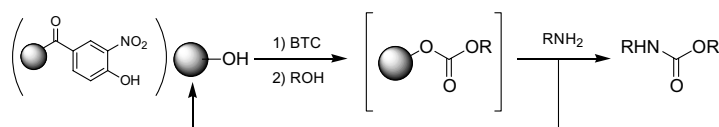


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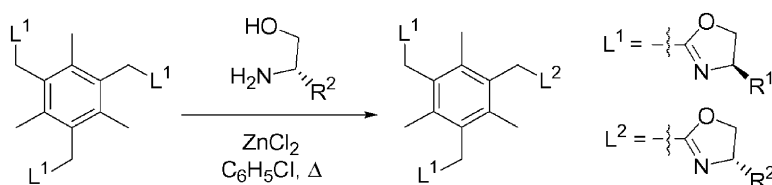
COMMUNICATIONS

- A practical synthesis of carbamates using an 'in-situ' generated polymer-supported chloroformate** pp 6831–6834
David Mormeneo, Amadeu Llebaria and Antonio Delgado*



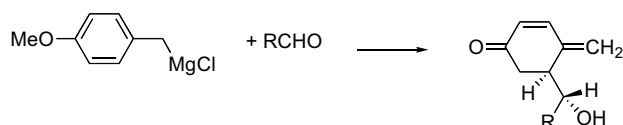
A versatile method for the synthesis of carbamates from an 'in-situ' generated polymer-supported chloroformate resin is presented. BTC (bis-trichloromethyl carbonate) is used as phosgene equivalent to afford a supported chloroformate, which, by sequential 'one-pot' reaction with a variety of alcohols and amines, furnishes the corresponding carbamates in high yields and purities.

- Synthesis of C_1 -symmetric chiral tripodal oxazolines through an oxazoline exchange reaction with amino alcohols** pp 6835–6838
Sung-Gon Kim, Hye Ran Seong, Jeongryul Kim and Kyo Han Ahn*



Oxazolines undergo an exchange reaction with added amino alcohols in the presence of zinc chloride.

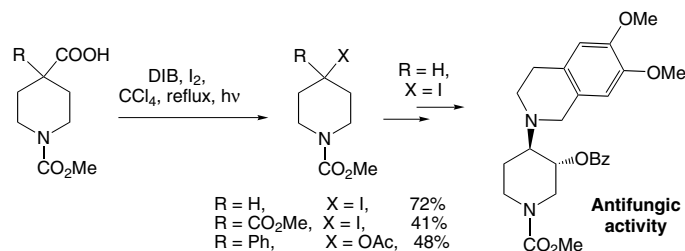
- The reaction of 4-methoxybenzylmagnesium chloride with aldehydes. The formation of 4-exomethylenecyclohexenones** pp 6839–6840
George A. Kraus,* Ikyon Kim and Sarathy Kesavan



The reaction of 4-methoxybenzylmagnesium chloride with aldehydes provides good yields of 4-exomethylenecyclohexenones.

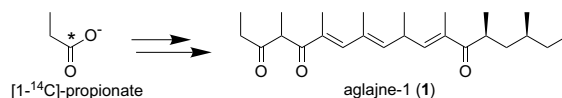
Synthesis of functionalized nitrogen heterocycles from β - and γ -amino acids by radical decarboxylation pp 6841–6845

Alicia Boto,* Rosendo Hernández,* Yolanda de León, José R. Murguía and Abigail Rodríguez-Afonso

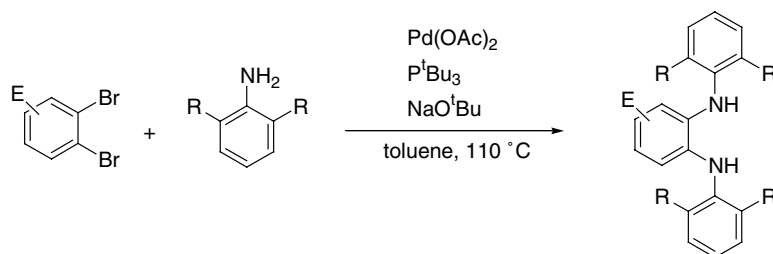
**Biosynthesis of aglajines, polypropionate allomones of the opisthobranch mollusc *Bulla striata***

pp 6847–6850

Angelo Fontana,* Adele Cutignano, Antonella Giordano, Anna Domènech Coll and Guido Cimino

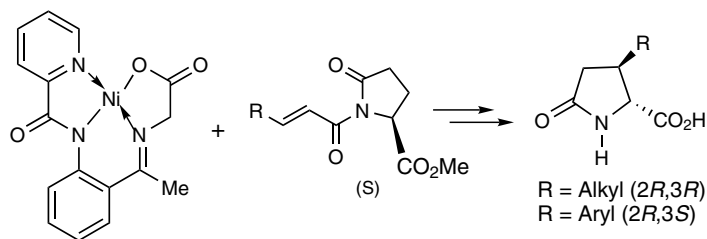
**Pd catalyzed coupling of 1,2-dibromoarenes and anilines: formation of *N,N*-diaryl-*o*-phenylenediamines** pp 6851–6853

Todd Wenderski, Kenneth M. Light, Doug Ogrin, Simon G. Bott and C. Jeff Harlan*

**Application of (*S*)- and (*R*)-methyl pyroglutamates as inexpensive, yet highly efficient chiral auxiliaries in the asymmetric Michael addition reactions**

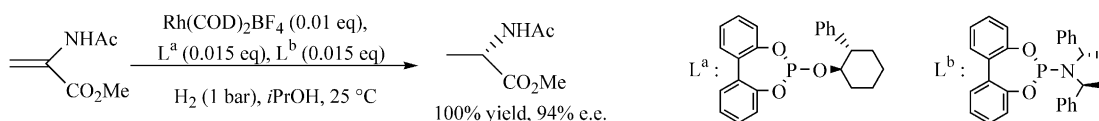
pp 6855–6858

Chaozhong Cai, Takeshi Yamada, Rohit Tiwari, Victor J. Hruba and Vadim A. Soloshonok*



Rh-catalysed asymmetric hydrogenations with a dynamic library of chiral tropos phosphorus-ligands pp 6859–6862

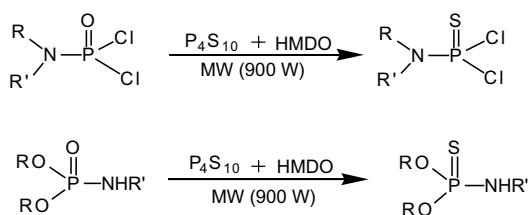
Chiara Monti, Cesare Gennari* and Umberto Piarulli*



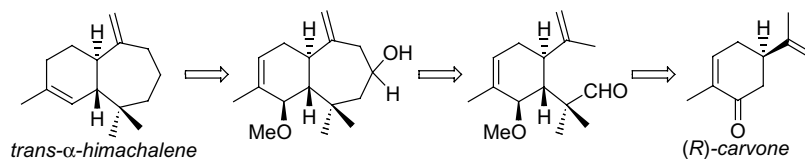
A number of homo- (16) and hetero-combinations (115) of chiral tropos phosphorus-ligands were screened for the rhodium catalysed asymmetric hydrogenation of methyl *N*-acetamido acrylate, resulting in the identification of an extremely effective and enantioselective (100% yield, 94% ee) phosphite/phosphoramidite hetero-combination.

Thionation of phosphoramidodichloridates and phosphoramidate diesters using phosphorus pentasulfide and hexamethyldisiloxane under microwave irradiation. Part 1 pp 6863–6866

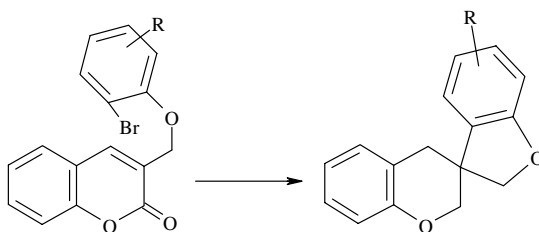
Manisha Nivsarkar, Arvind K. Gupta and Mahabir P. Kaushik*

Where R and R¹ = alkyl, aryl**Enantiospecific first total synthesis of (+)-*trans*- α -himachalene** pp 6867–6870

A. Srikrishna* and P. Ravi Kumar

**Unusual reduction of a lactone carbonyl in a Bu_3SnCl and $\text{Na}(\text{CN})\text{BH}_3$ mediated radical cyclization of 3-(*o*-bromophenoxymethyl)coumarins** pp 6871–6873

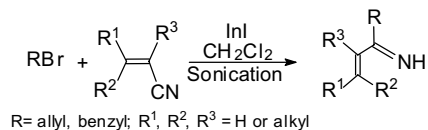
K. C. Majumdar* and S. K. Chattopadhyay



Indium(I) iodide promoted highly selective 1,2-addition of allyl and benzyl groups to α,β -unsaturated nitriles under sonication: a new synthesis of conjugated imines

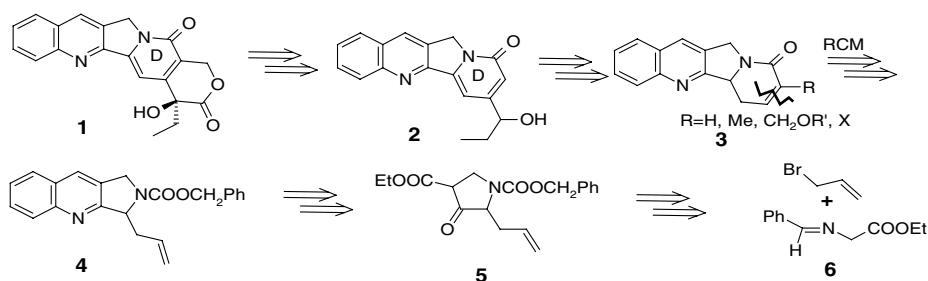
pp 6875–6877

Brindaban C. Ranu* and Arijit Das


Formal total synthesis of camptothecin via ring-closing metathesis strategy

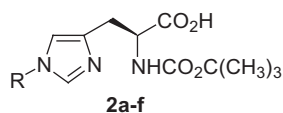
pp 6879–6882

Subhash P. Chavan,* K. Pasupathy, M. S. Venkatraman and Ramesh R. Kale


Facile one-step synthesis of *N*- α -Boc-1-alkyl-L-histidines

pp 6883–6885

Navneet Kaur, Vikramdeep Monga and Rahul Jain*

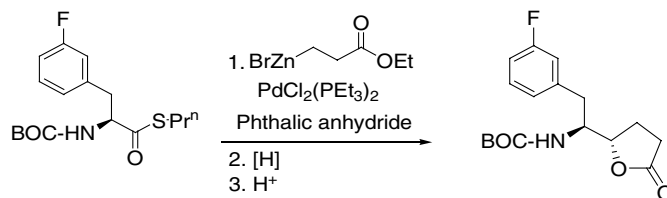


A convenient one-step synthesis of *N*- α -Boc-1-alkyl-L-histidines **2a-f** starting from Boc-L-histidine is described.

Stereoselective synthesis of 5-[(1*S*)-*N*-Boc-amino-(2*S*)-(3-fluorophenyl)ethyl]-dihydrofuran-2-one

pp 6887–6890

Bryan Li,* Richard A. Buzon, Charles K.-F. Chiu, Stephen T. Colgan, Matthew L. Jorgensen and Narasim Kasthurikrishnan

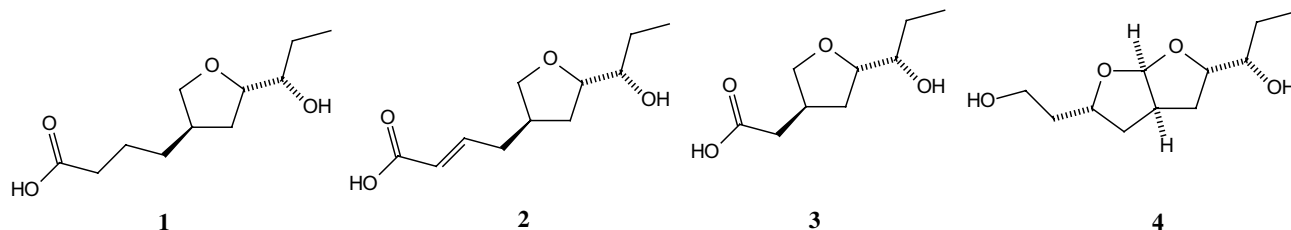


Phthalic anhydride as thiolate scavenger effectively preserved the enantiopurity of α -aminoketone, thus affording the convenient synthesis of the titled lactone.

Communiols A–D: new mono- and bis-tetrahydrofuran derivatives from the coprophilous fungus *Podospira communis*

pp 6891–6894

Yongsheng Che, James B. Gloer,* James A. Scott and David Malloch

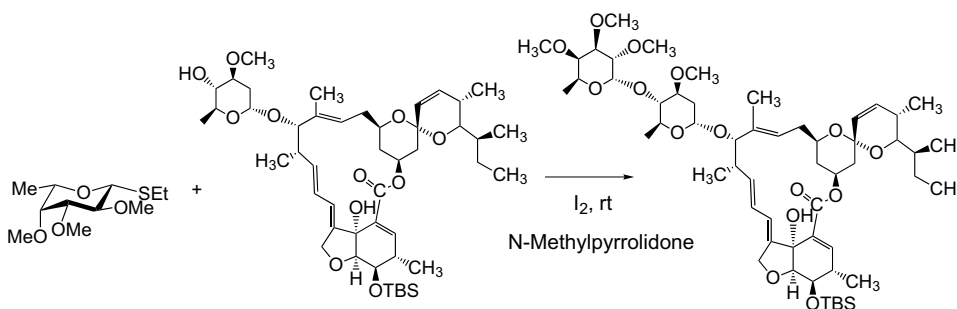


Communiols A–D (1–4), new tetrahydrofuran and bis-tetrahydrofuran derivatives, have been isolated from cultures of the coprophilous fungus *Podospira communis*, and identified by spectroscopic methods.

New potent insecticidal agent: 4'-fucosyl avermectin derivative

pp 6895–6898

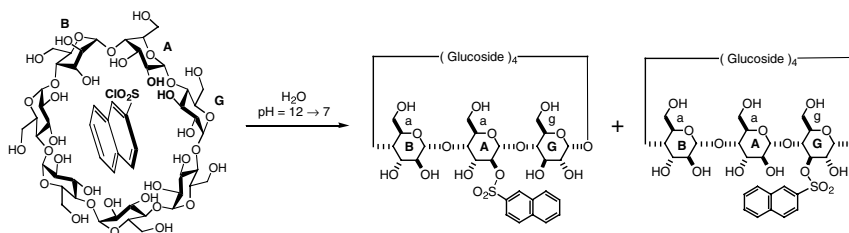
Guohua Wei, Yuguo Du* and Robert J. Linhardt*



Selective mono-*O*-sulfonylation of A,B-di-*altro*- β -cyclodextrin by utilizing restricted orientation of a guest-type sulfonylating reactant in the elliptically distorted cavity: the 2^A-*O*- and 3^G-*O*-naphthalenesulfonates as a versatile scaffold to prepare artificial enzymes with controlling substrate orientation

pp 6899–6902

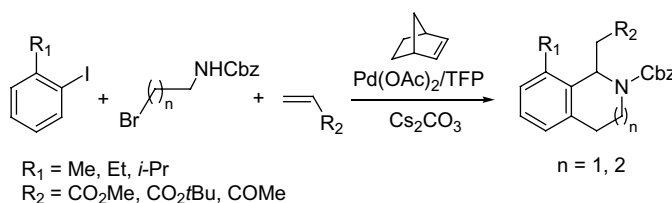
Kahee Fujita,* Wen-Hua Chen, Kaori Oiwan, Toshihiro Fujioka, Makoto Fukudome and De-Qi Yuan



Synthesis of 1,2,3,4-tetrahydroisoquinolines and 2,3,4,5-tetrahydro-1*H*-2-benzazepines combining sequential palladium-catalysed *ortho* alkylation/vinylation with aza-Michael addition reactions

pp 6903–6907

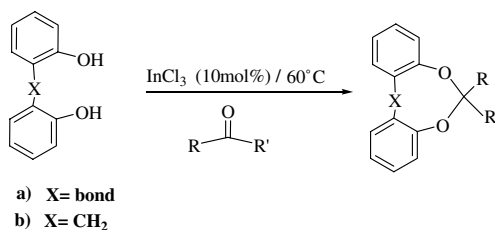
Raffaella Ferraccioli,* Davide Carenzi and Marta Catellani



Indium(III) chloride catalyzed one step synthesis of some new dibenzo(*d,f*)(1,3)dioxepines and 12*H*-dibenzo(*d,g*)(1,3)dioxocin derivatives

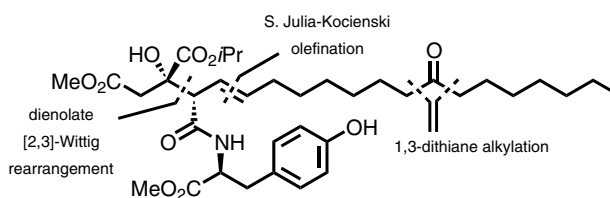
pp 6909–6913

Graziella Tocco,* Michela Begala, Giovanna Delogu, Carmen Picciau and Gianni Podda


Total synthesis of (3*S*,4*S*,2'*S*)- and (3*R*,4*R*,2'*S*)-viridiofungin A triester

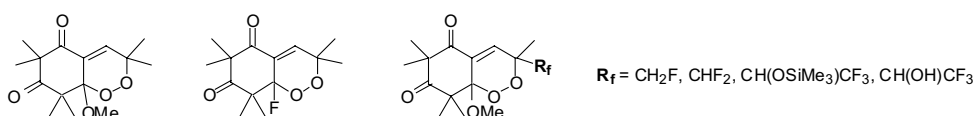
pp 6915–6918

Annett Pollex, Lars Abraham, Jana Müller and Martin Hiersemann*

The total synthesis of an alkylcitrate secondary metabolite from the fungi *Trichoderma viride* is described.
Comparative electrochemical properties of fluorinated endoperoxides related to the G-factor series

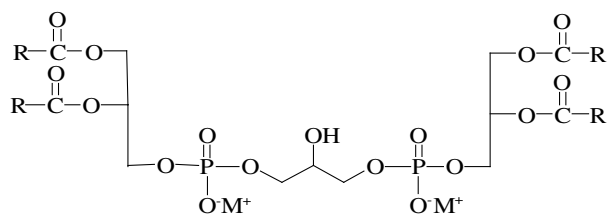
pp 6919–6922

Fadia Najjar, Fabrice Fréville, Franck Desmoulin, Liliane Gorrichon, Michel Baltas, Heinz Gornitzka, Théodore Tzedakis and Christiane André-Barrès*


A new convenient method for the synthesis of cardiolipin

pp 6923–6925

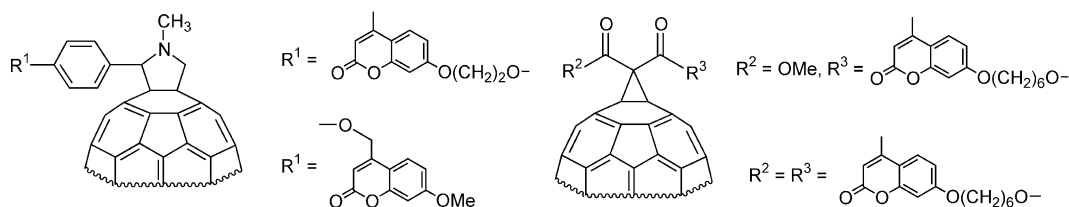
Zhen Lin, Moghis U. Ahmad, Shoukath M. Ali and Imran Ahmad*

**1** Cardiolipin, R = fatty acid chain, M⁺ = H⁺**1a** Tetramyristoyl cardiolipin, M⁺ = NH₄⁺**1b** Tetraoleoyl cardiolipin, M⁺ = NH₄⁺

Synthesis of [60]fullerene–coumarin polyads

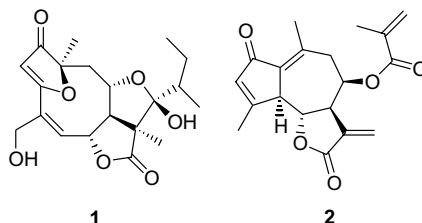
pp 6927–6930

Maria João Brites, Célia Santos, Susana Nascimento, Bárbara Gigante* and Mário N. Berberan-Santos*

**Structure-based predictions of ^1H NMR chemical shifts of sesquiterpene lactones using neural networks**

pp 6931–6935

Fernando B. Da Costa, Yuri Binev, Johann Gasteiger and João Aires-de-Sousa*

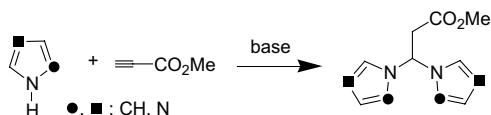


The prediction of ^1H NMR chemical shifts of CH_n protons of the sesquiterpene lactones **1** and **2** using neural networks was performed and the results were highly accurate. This method has the ability to assign CH_2 diastereotopic protons of 3D structures.

Double Michael addition of azoles to methyl propiolate: a straightforward entry to ligands with two heterocyclic rings

pp 6937–6939

Enrique Díez-Barra,* Javier Guerra, Valentín Hornillos, Sonia Merino and Juan Tejada



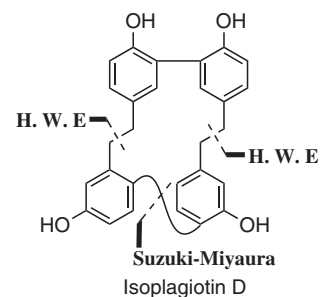
An unusual double Michael addition is used for the synthesis of 3,3-bis(azol-1-yl)propionates.

Efficient synthesis of isoplagiochin D, a macrocyclic bis(bibenzyls), by utilizing an intramolecular Suzuki–Miyaura reaction

pp 6941–6945

Tomoyuki Esumi, Mitsumasa Wada, Eri Mizushima, Norimasa Sato, Mitsuaki Kodama, Yoshinori Asakawa and Yoshiyasu Fukuyama*

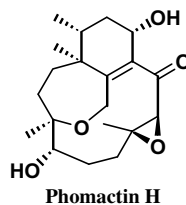
Isoplagiochin D, a highly strained macrocyclic bis(bibenzyls) isolated from the liverwort *Pladiochila fruticosa*, was synthesized in 10.6% overall yield for the 11 steps by using Horner–Wadsworth–Emmons and Suzuki–Miyaura protocols.



Phomactin H, a novel diterpene from an unidentified marine-derived fungus

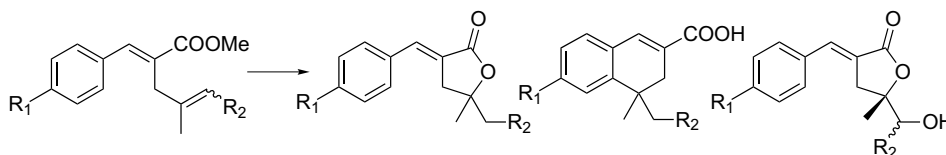
pp 6947–6948

Kiyotaka Koyama,* Masahiro Ishino, Kazuhiko Takatori, Takashi Sugita, Kaoru Kinoshita and Kunio Takahashi

**Facile synthesis of lactones and dihydronaphthalenes from methyl 2-isobutenyl (or 2-isopentenyl)cinnamates as the common intermediates**

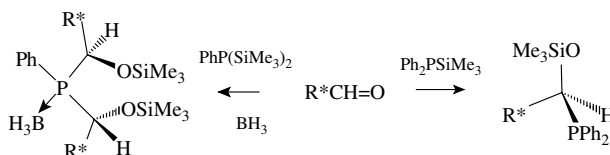
pp 6949–6953

Saravanan GowriSankar, Chang Gon Lee and Jae Nyoun Kim*

**Highly stereoselective addition of silylphosphines to chiral aldehydes**

pp 6955–6957

Oleg I. Kolodiaznyi,* Irina V. Guliako and Anastasia O. Kolodiazhna

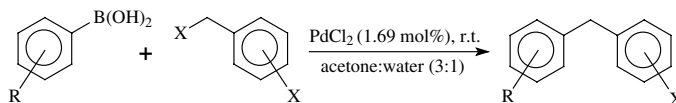



The reaction between diphenyl(trimethylsilyl)phosphine or bis(trimethylsilyl)phenylphosphine and chiral aldehydes proceeds with high stereoselectivity to give diastereomerically pure tertiary α -siloxyalkylphosphines.

Palladium catalyzed ligand-free Suzuki cross-coupling reactions of benzylic halides with aryl boronic acids under mild conditions

pp 6959–6962

B. P. Bandgar,* Sampada V. Bettigeri and Jaywant Phopase

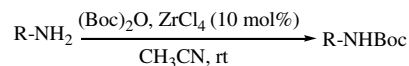


A highly efficient Suzuki cross-coupling reaction between benzylic halides and aryl boronic acids using palladium chloride as catalyst in acetone:water (3:1) has been developed. High yields of products, mild reaction conditions and short reaction times in the absence of ligand are important features of this method. 

Rapid and facile Lewis acid catalysed Boc protection of amines

pp 6963–6965

G. V. M. Sharma,* J. Janardhan Reddy, P. Sree Lakshmi and Palakodety Radha Krishna

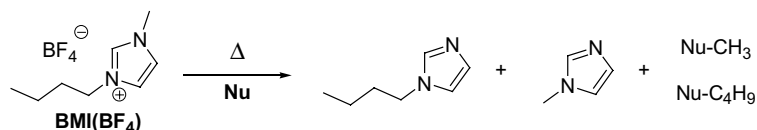


Efficient Boc protection of amines using (Boc)₂O in the presence of a catalytic amount of ZrCl₄ (10 mol%) in acetonitrile at room temperature is reported with short reaction times and high yields.

Thermal stability of ionic liquid BMI(BF₄) in the presence of nucleophiles

pp 6967–6969

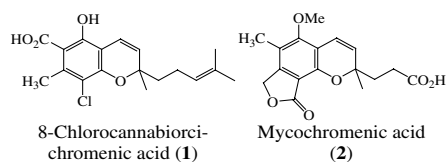
Anne G. Glenn and Paul B. Jones*



New approach for two chromene carboxylic acids having a fully substituted benzene ring

pp 6971–6973

Seiji Yamaguchi,* Mikiko Maekawa, Yohei Murayama, Masahiro Miyazawa and Yoshiro Hirai

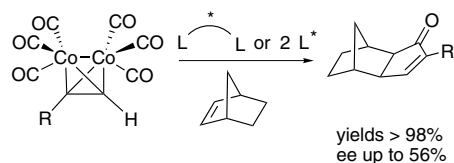


Two chromene carboxylic acids having a fully substituted benzene ring, 8-chlorocannabiorcichromenic acid (1) and myco-chromenic acid (2), were synthesized via thermal cyclization of the corresponding four substituted phenyl propargyl ethers.

Asymmetric Pauson–Khand reaction with chiral, electron-deficient mono- and bis-phosphine ligands

pp 6975–6978

Denes Konya, Frédéric Robert, Yves Gimbert* and Andrew E. Greene



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*Corresponding author

①⁺ Supplementary data available via ScienceDirect

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