

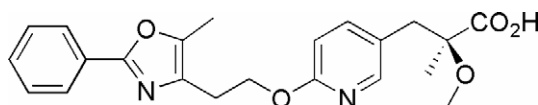
Tetrahedron Letters Vol. 50, No. 16, 2009

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Communications

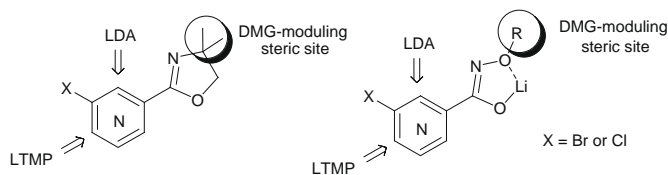
Synthesis of 2-methoxy-2-methyl-3-{6-[2-(5-methyl-2-phenyl-1,3-oxazol-4-yl)ethoxy]pyridin-3-yl}propanoic acid, pp 1765–1767
 a dual PPAR α/γ agonist

Paul S. Humphries ^{*}, Quyen-Quyen T. Do, David M. Wilhite



On study of sterically controlled regioselective lithiation of *meta*-halopyridocarboxamides derivatives pp 1768–1770

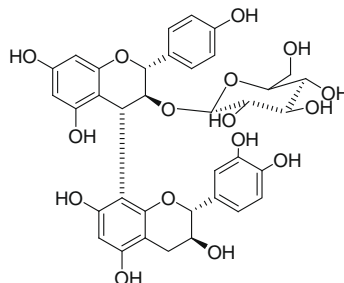
Nicolas Robert, Thibaut Martin, Julien Grisel, Jalal Lazaar, Christophe Hoarau ^{*}, Francis Marsais



Sterically controlled regioselective lithiation of *meta*-halopyridocarboxamides derivatives using deuterated probes is described.

Proanthocyanidin glycosides from the leaves of *Quercus ilex* L. (Fagaceae) pp 1771–1776

Anastasia Karioti ^{*}, Anna Rita Bilia, Chiara Gabbiani, Luigi Messori, Helen Skaltsa

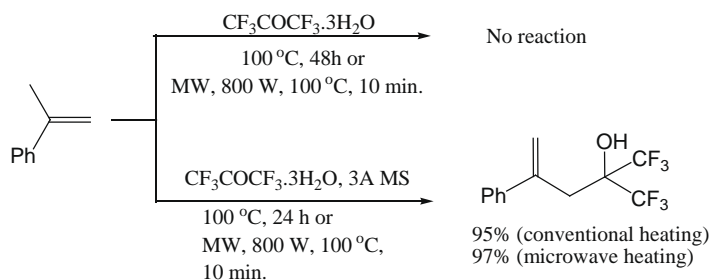


From the polar extracts of the leaves of *Quercus ilex* L., two new proanthocyanidin glycosides were isolated, namely afzelechin-(4 α →8)-catechin-3-O- β -glucopyranoside and afzelechin-(4 α →8)-catechin-3-O- α -rhamnopyranoside. ROESY experiments played a pivotal role in the structure elucidation.



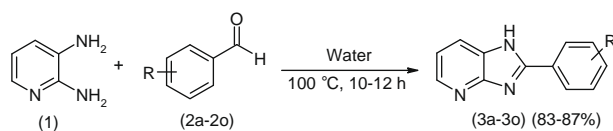
A facile method for the preparation of hexafluoroisopropanol functionalized derivatives using hexafluoroacetone trihydrate via a carbonyl-ene reaction pp 1777–1779

Madabhushi Sridhar ^{*}, Chinthala Narsaiah, Beeram C. Ramanaiah, Vishnu M. Ankathi, Rajesh B. Pawar, Shrinandan N. Asthana



Eco-friendly and facile synthesis of 2-substituted-1H-imidazo[4,5-b]pyridine in aqueous medium by air oxidation pp 1780–1782

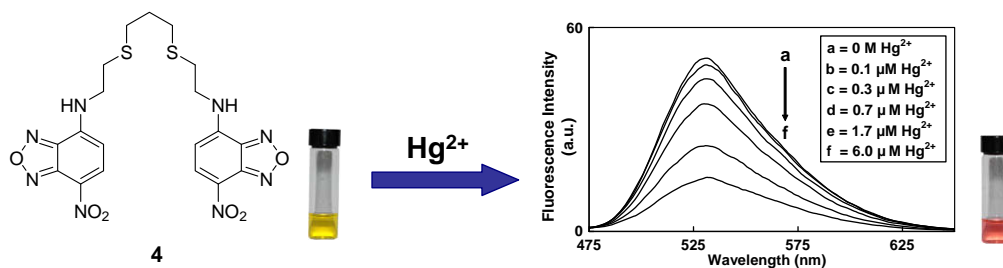
Rajesh P. Kale, Mohammad U. Shaikh, Ganesh R. Jadhav, Charansingh H. Gill ^{*}



We report a new environmentally-benign, convenient, and facile methodology for the synthesis of 2-substituted-1H-imidazo[4,5-b]pyridine in aqueous medium by air oxidation without the use of any oxidative reagent.

Dual optical detection of a novel selective mercury sensor based on 7-nitrobenzo-2-oxa-1,3-diazolyl subunits pp 1783–1786

Nantanit Wanichacheva ^{*}, Monchai Sirirumpoonthum, Anyanee Kamkaew, Kate Grudpan

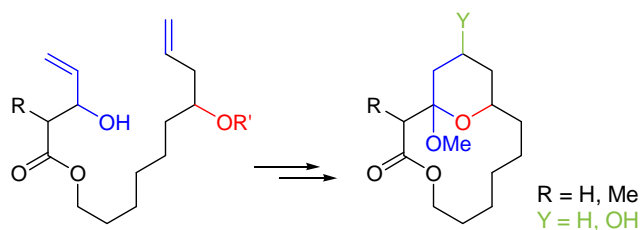


Compound **4** selectively binds Hg^{2+} , and the binding is indicated by both fluorescence quenching and a chromogenic change which can be detected by the naked eye.



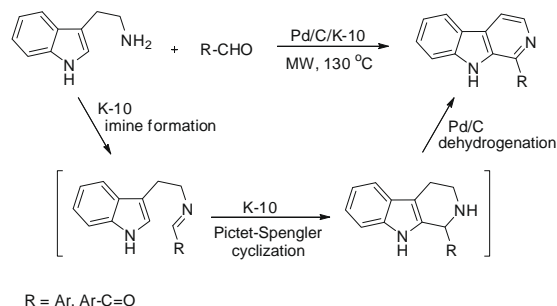
Access to the core structure of aurisides by a ring-closing metathesis/transannular ketalisation sequence pp 1787–1790

Emmanuel Bourcet, Fabienne Fache, Olivier Piva ^{*}



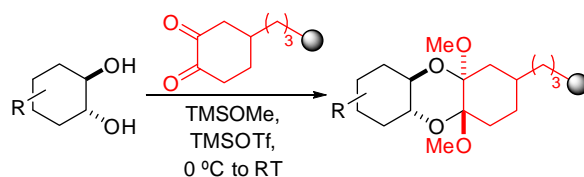
A direct synthesis of β -carbolines via a three-step one-pot domino approach with a bifunctional Pd/C/K-10 catalyst pp 1791–1794

Aditya Kulkarni, Mohammed Abid, Béla Török*, Xudong Huang*

**A selective resin for *trans*-diequatorial-1,2-diols**

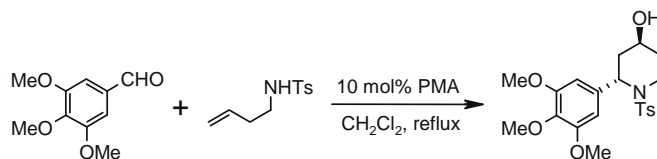
pp 1795–1798

Emilio Lence, Luis Castedo, Concepción González-Bello*

A selective resin for linking *trans*-diequatorial-1,2-diols to solid support is described.**Heteropoly acid-catalyzed aza-Prins-cyclization: an expeditious synthesis of 4-hydroxypiperidines**

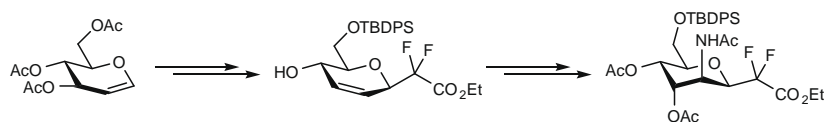
pp 1799–1802

J. S. Yadav*, B. V. Subba Reddy, D. N. Chaya, G. G. K. S. Narayana Kumar, P. Naresh, B. Jagadeesh

**Approaches to the synthesis of CF₂-analogues of 2-deoxy-2-aminoglycosides**

pp 1803–1805

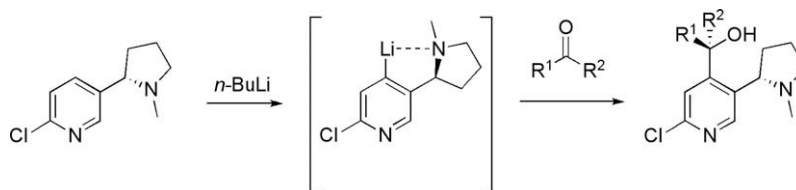
Florent Poulain, Eric Leclerc*, Jean-Charles Quirion*



Chiral amino alcohols derived from (S)-6-chloronicotine as catalysts for asymmetric synthesis

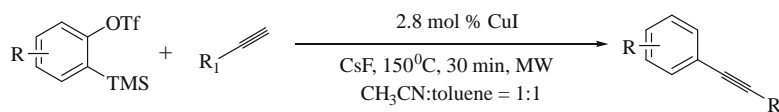
pp 1806–1808

Sonja S. Capracotta, Daniel L. Comins *

**Copper-catalyzed alkyne–aryne coupling reaction under microwave conditions: preparation of unsymmetric and symmetric di-substituted alkynes**

pp 1809–1811

Shashidhar Kumar Akubathini, Ed Biehl *

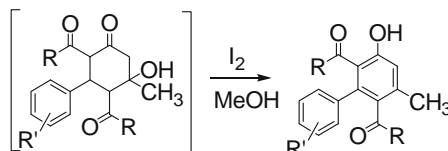


Benzyne-generated copper-catalyzed alkyne–aryne coupling reaction run under microwave conditions gave coupled products in yields ranging from 97% to 59% in 30 min heating at 150 °C.

An efficient regioselective synthesis of functionalized biphenyls via sequential reactions of aromatic aldehydes and β-keto esters or ketones

pp 1812–1816

Anindra Sharma, Jyoti Pandey, R. P. Tripathi *

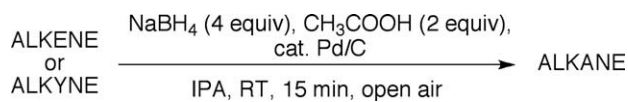


A simple method for the synthesis of biphenyls has been described using iodine/methanol as an oxidative reagent.

**A general method for the rapid reduction of alkenes and alkynes using sodium borohydride, acetic acid, and palladium**

pp 1817–1819

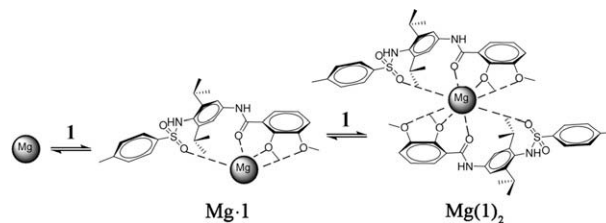
Anthony T. Tran, Vincent A. Huynh, Emily M. Friz, Sara K. Whitney, David B. Cordes *



A new sulfonamide derivative as magnesium ion receptor: *N*-tosyl-2,6-diisopropyl-4-(2,3-dimethoxybenzoylamide)aniline

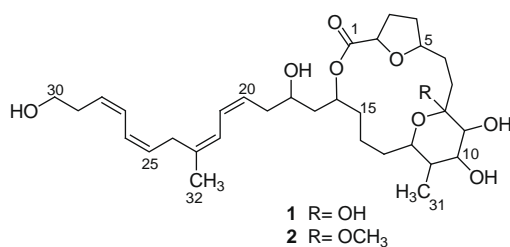
pp 1820–1824

Zerong Long, Peiju Yang, Yana Xia, Zaiwen Yang, Biao Wu *

**Formosalides A and B, cytotoxic 17-membered ring macrolides from a marine dinoflagellate *Prorocentrum* sp.**

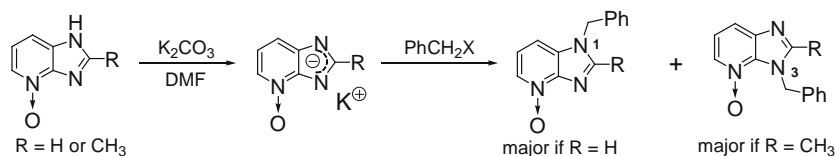
pp 1825–1827

Chung-Kuang Lu *, Yi-Min Chen, Siang-Hang Wang, Ying-Yan Wu, Ying-Min Cheng

Two novel 17-membered ring macrolides, formosalides A (1) and B (2), were isolated from the cultured marine dinoflagellate *Prorocentrum* sp., strain PL040104002.**Regioselective *N*-alkylation of imidazo[4,5-*b*]pyridine-4-oxide derivatives: an experimental and DFT study**

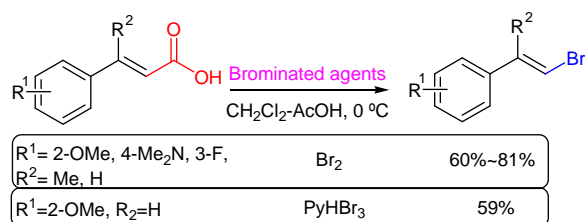
pp 1828–1833

Wael Zeinyeh, Julien Pilmé *, Sylvie Radix *, Nadia Walchshofer

**Concise bromodecarboxylation of cinnamic acids to β -bromostyrenes**

pp 1834–1837

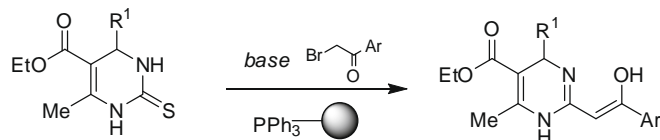
Yu-Lun Huang, Yu-Han Cheng, Kuang-Chan Hsien, Yeh-Long Chen, Chai-Lin Kao *



Facile conversion of Biginelli 3,4-dihydropyrimidin-2(1H)-thiones to 2-(2-hydroxy-2-arylvinyl) dihydropyrimidines via Eschenmoser coupling

pp 1838–1843

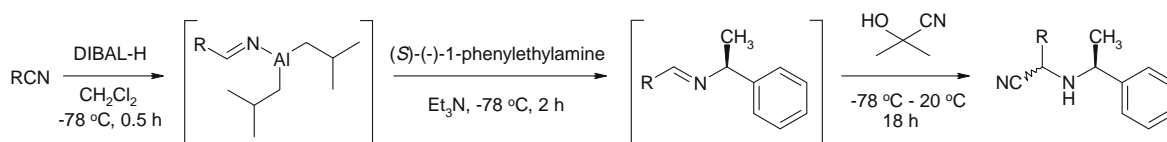
Sukhdeep Singh, Andreas Schober, Michael Gebinoga, G. Alexander Groß *



One-pot synthesis of α -aminonitriles from alkyl and aryl cyanides: a Strecker reaction via aldimine alanes

pp 1844–1846

Szabolcs Sipos, István Jablonkai *

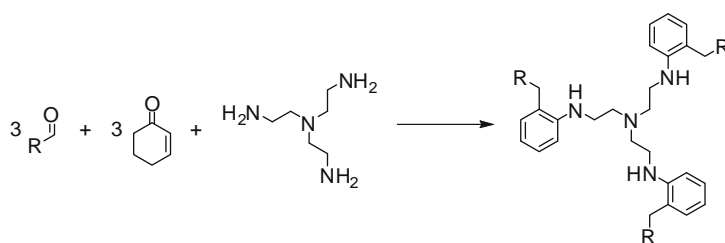


A one-pot Strecker reaction using various alkyl, arylalkyl and aryl nitriles is developed. Aldimine alanes were generated in situ from nitriles by the addition of diisobutylaluminum hydride, and were converted into the corresponding imines on reaction with (S)-(-)-1-phenylethylamine. Nucleophilic addition to the imines in the presence of catalytic triethylamine, using acetone cyanohydrin as a cyanide source, provided α -aminonitriles.

One-pot synthesis of tripodal tris(2-aminoethyl)amine derivatives from seven molecular components

pp 1847–1850

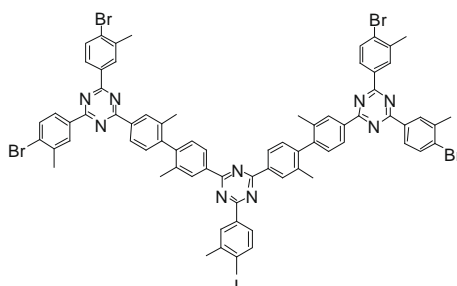
Ann Almesåker, Janet L. Scott *, Leone Spiccia *, Christopher R. Strauss



Synthesis of a halo-methylphenylene periphery-functionalized triazine-based dendritic molecule with a 3,3'-dimethyl-biphenyl linker using tris(halo-methylphenylene)triazines as building blocks

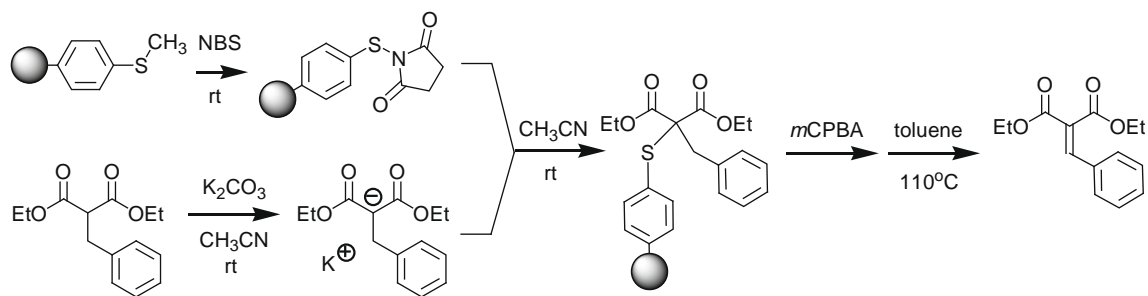
pp 1851–1854

Ioannis D. Kostas *, Fotini J. Andreadaki, Elaine A. Medlycott, Garry S. Hanan, Eric Monflier

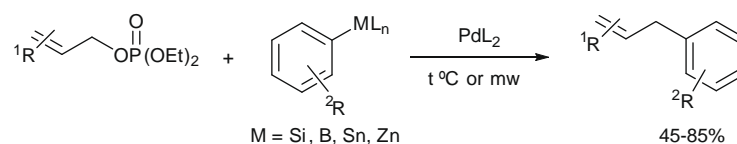


Sulfenylation chemistry using polymer-supported sulfides

pp 1855–1857

David C. Forbes ^{*}, Sampada V. Bettigeri, Nahla N. Al-Azzeh, Brian P. Finnigan, Joseph A. Kundukulam**Palladium-catalyzed cross-couplings of allylic phosphates**

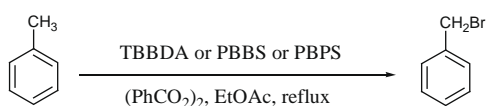
pp 1858–1860

Veselin Maslak, Zorana Tokic-Vujosevic, Radomir N. Saicic ^{*}

Allylic phosphates are good electrophiles for a range of cross-coupling reactions, under both conventional heating and microwave irradiation.

**Poly(*N,N'*-dibromo-*N*-ethyl-benzene-1,3-disulfonamide), *N,N,N',N'*-tetrabromobenzene-1,3-disulfonamide and novel poly(*N,N'*-dibromo-*N*-phenylbenzene-1,3-disulfonamide) as powerful reagents for benzylic bromination**

pp 1861–1865

Ramin Ghorbani-Vaghei ^{*}, Mohammad Chegini, Hojat Veisi, Mehdi Karimi-Tabar^{*}Corresponding author

Supplementary data available via ScienceDirect

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