

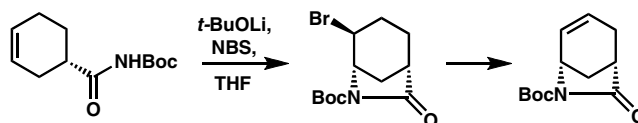
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COMMUNICATIONS

An efficient process for the bromolactamization of unsaturated acids

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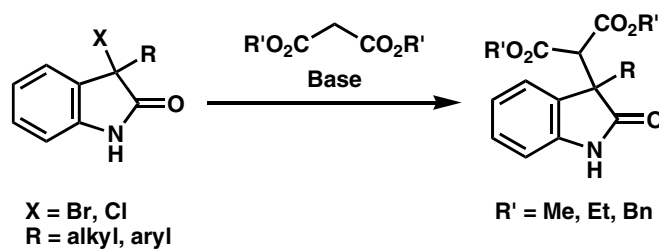
Ying-Yeung Yeung and E. J. Corey*



Preparation of 3,3-disubstituted oxindoles by addition of malonates to 3-halo-3-oxindoles

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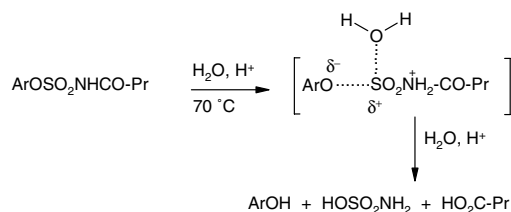
Shyam Krishnan and Brian M. Stoltz*



Mechanism of the acid-catalyzed hydrolysis of *N*-acylsulfamates

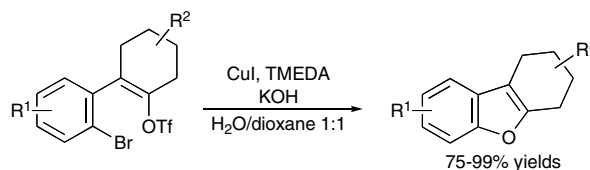
pp 7574–7577

William J. Spillane* and Jean-Baptiste Malaubier



Copper-catalysed benzofuran synthesis: developing aryl bromide–alkenyl triflates as general heterocycle precursors pp 7578–7581

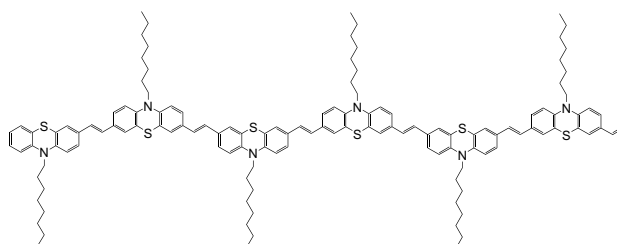
Andrew C. Tadd, Mark R. Fielding and Michael C. Willis*



A range of conjugated aryl bromide–alkenyl triflates are efficiently converted to the corresponding benzofurans when treated with CuI/TMEDA and potassium hydroxide.

Synthesis of linear monodisperse vinylene-linked phenothiazine oligomers pp 7582–7585

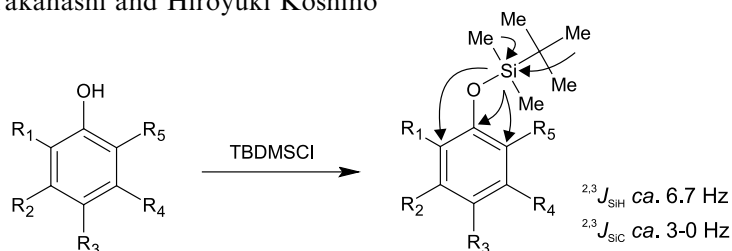
Xianping Qiu, Ran Lu,* Huipeng Zhou, Xiaofei Zhang, Tinghua Xu, Xingliang Liu and Yingying Zhao



A series of linear monodisperse vinylene-linked phenothiazine oligomers have been synthesized by alternate Heck reaction and Wittig reaction in good yields.


A new method for determining positions of phenolic hydroxyl groups through silylation and application of H(Si)C triple-resonance NMR experiments pp 7586–7590

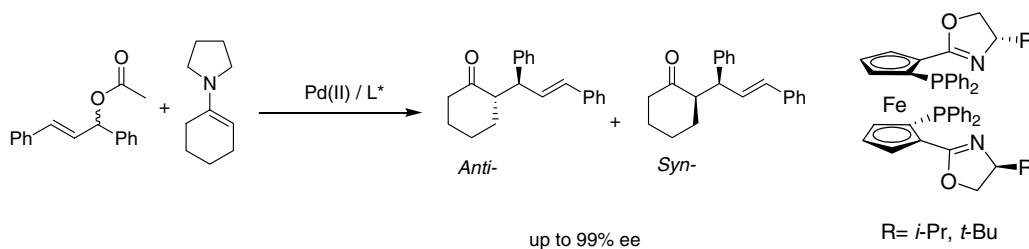
Michal Maloň,* Shunya Takahashi and Hiroyuki Koshino*



Long-range 1H – ^{13}C correlations from methyl protons of TBDMS protecting groups to aromatic carbons through $^{2,3}J_{SiH}$ and $^{2,3}J_{SiC}$ couplings.


Palladium-catalyzed asymmetric allylic alkylation with an enamine as the nucleophilic reagent pp 7591–7594

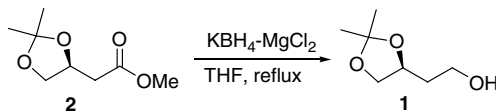
Delong Liu, Fang Xie and Wanbin Zhang*



A practical and efficient procedure for reduction of carboxylic acids and their derivatives: use of $\text{KBH}_4\text{-MgCl}_2$

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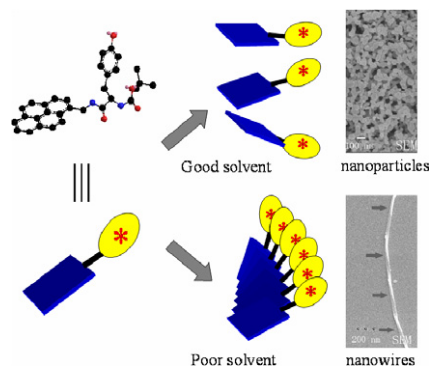
You-Chun Qiu, Fu-Li Zhang* and Chun-Nian Zhang



The use of $\text{KBH}_4\text{-MgCl}_2$ to reduce carboxylic acids and their derivatives is described. Ester **2** used as a reference substrate was reduced with KBH_4 and MgCl_2 in 1:1 mol ratio to alcohol **1**.

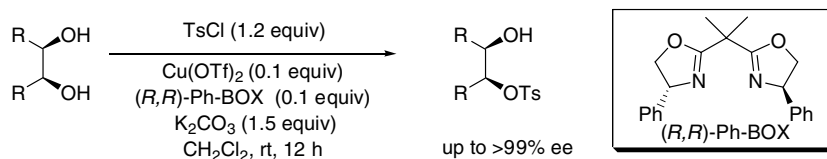
Helical structures architecture of L-{2-(4-hydroxy-phenyl)-1-[(pyren-1-ylmethyl)-carbamoyl]-ethyl}-carbamic acid *tert*-butyl ester

pp 7599–7604

Jinchong Xiao, Yongjun Li, Yabin Song, Li Jiang, Yuliang Li,*
Shu Wang, Huibiao Liu, Wei Xu and Daoben Zhu**Copper complex catalyzed asymmetric monosulfonylation of *meso*-*vic*-diols**

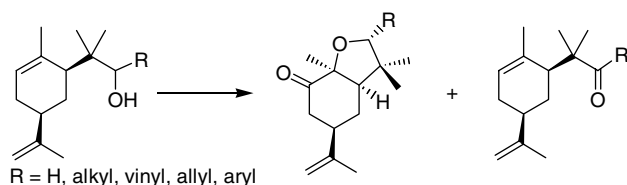
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Yosuke Demizu, Kazuya Matsumoto, Osamu Onomura* and Yoshihiro Matsumura

**Pyridinium chlorochromate mediated oxidative cyclisation of sterically crowded γ,δ -unsaturated alcohols**

pp 7610–7613

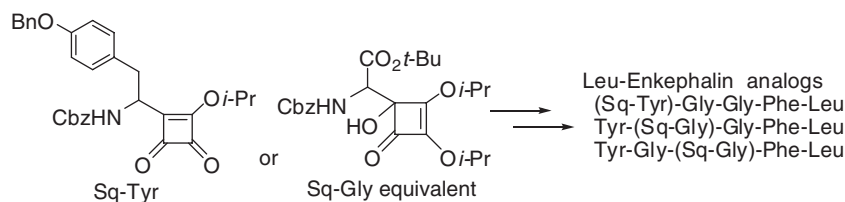
A. Srikrishna,* B. Vasantha Lakshmi and A. V. S. Sudhakar



Synthesis of leucine-enkephalin analogs containing α -amino squaric acid

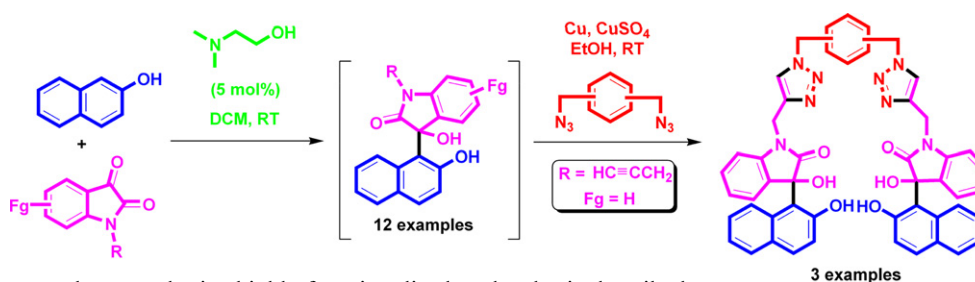
pp 7614–7617

Tetsuro Shinada,* Toshikazu Ishida, Ken-ich Hayashi, Yasutaka Yoshida, Yasushi Shigeri and Yasufumi Ohfuné*


A new organocatalyst for Friedel–Crafts alkylation of 2-naphthols with isatins: application of an organo-click strategy for the cascade synthesis of highly functionalized molecules

pp 7618–7623

Dhevalapally B. Ramachary,* G. Babul Reddy and Rumpa Mondal

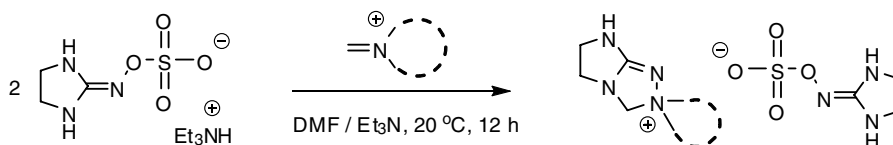


An organo-click approach to synthesize highly functionalized molecules is described.


First tandem nucleophilic addition–electrophilic amination reaction of Eschenmoser’s salts: synthesis of cyclic and spiro-fused hydrazoneium salts

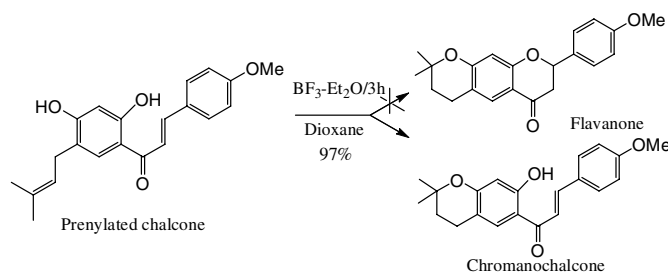
pp 7624–7627

Jarosław Sączewski* and Maria Gdaniec


BF₃–Et₂O mediated biogenetic type synthesis of chromanochalcones from prenylated chalcones via a regioselective cyclization reaction

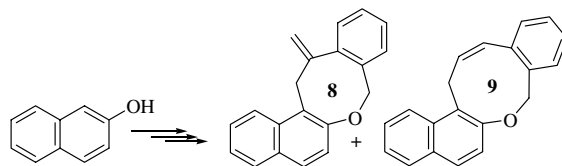
pp 7628–7632

T. Narender* and K. Papi Reddy



Novel synthesis of medium-sized oxa-heterocycles by palladium-catalyzed intramolecular Heck reaction pp 7633–7636

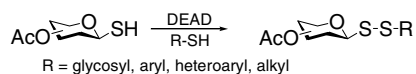
K. C. Majumdar,* B. Chattopadhyay and K. Ray



Efficient one-pot synthesis of glycosyl disulfides

pp 7637–7641

Goreti Ribeiro Morais and Robert A. Falconer*

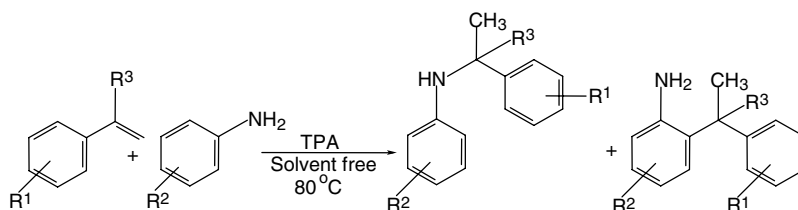


Methodology for the efficient and facile synthesis of glycosyl disulfides is reported. A one-pot procedure employing mild conditions using diethyl azodicarboxylate is described to synthesise a series of glycosyl disulfides in excellent yields.

Intermolecular hydroamination of vinyl arenes using tungstophosphoric acid as a simple and efficient catalyst

pp 7642–7645

N. Seshu Babu, K. Mohan Reddy, P. S. Sai Prasad, I. Suryanarayana and N. Lingaiah*



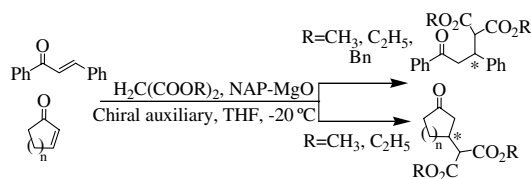
Hydroamination of vinyl arenes with amines using tungstophosphoric acid (TPA) catalyst under solvent-free conditions gives highly substituted amines in good to excellent yields.



Asymmetric Michael addition of malonates to enones catalyzed by nanocrystalline MgO

pp 7646–7649

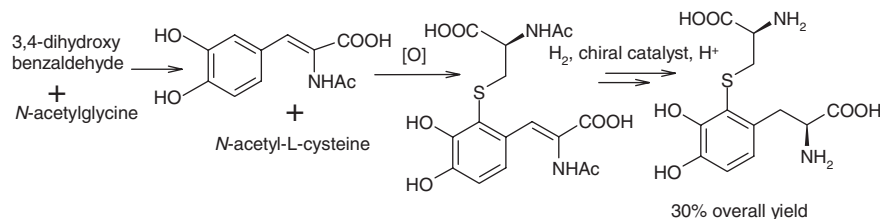
M. Lakshmi Kantam,* Kalluri V. S. Ranganath, Koosam Mahendar, Lakkoju Chakrapani and B. M. Choudary



The first expedient entry to the human melanogen 2-*S*-cysteinyl-dopa exploiting the anomalous regioselectivity of 3,4-dihydroxycinnamic acid–thiol conjugation

pp 7650–7652

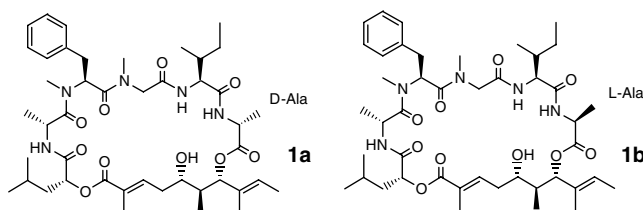
Lucia Panzella, Maria De Lucia, Alessandra Napolitano* and Marco d'Ischia



Reinvestigation of the stereochemistry of kulokekahilide-2

pp 7653–7656

Yuuki Takada, Eriko Mori, Masahiro Umehara, Yoichi Nakao and Junji Kimura*

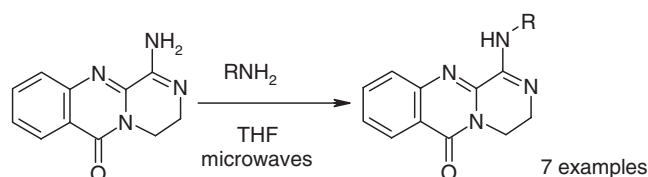


We report the synthesis of **1a** and **1b** and the basis for our conclusion that the proposed structure of kulokekahilide-2 is incorrect.

Microwave-assisted regioselective N-alkylation of cyclic amidines

pp 7657–7659

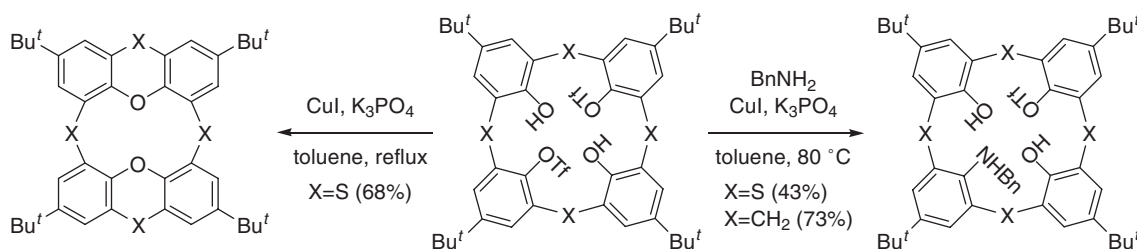
Maria de Fatima Pereira, Valérie Thiéry and Thierry Besson*



Ullmann coupling reaction of 1,3-bistriflate esters of calix[4]arenes: facile syntheses of monoaminocalix[4]arenes and 4,4':6,6'-diepithiobis(phenoxathiine)

pp 7660–7664

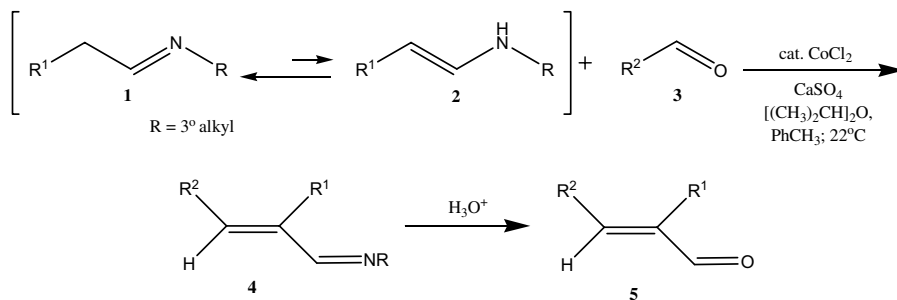
Shinya Tanaka, Ryuichi Serizawa, Naoya Morohashi and Tetsutaro Hattori*



The role of imine–enamine tautomerism in effecting cross-aldol condensations

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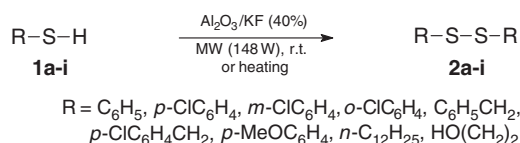
James H. Babler,* Matthew C. Atwood, Jonathan E. Freaney and Anthony R. Vizlay



Clean and fast oxidative transformation of thiols to disulfides under solvent-free conditions

pp 7668–7670

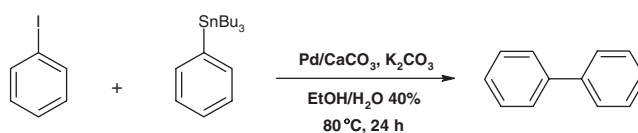
Eder J. Lenardão, Renata G. Lara, Márcio S. Silva, Raquel G. Jacob and Gelson Perin*



Ligand-free Stille cross-coupling reaction using Pd/CaCO₃ as catalyst reservoir

pp 7671–7674

Aline V. Coelho, Andréa Luzia F. de Souza,* Paulo G. de Lima, James L. Wardell and O. A. C. Antunes*

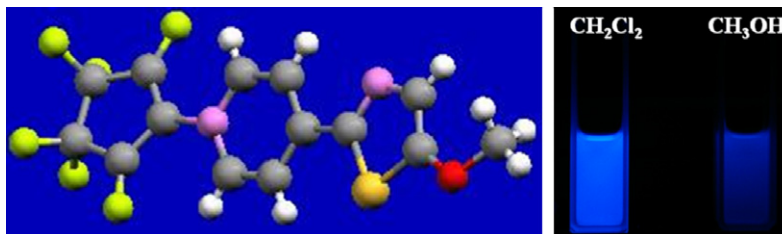


Stille reactions between halobenzenes and other substituted (hetero)arenes and tributylphenyltin were carried out in ethanol–water solution using Pd/CaCO₃ as catalyst in a ligand-free system. The catalyst could be recycled three times without any loss of activity. The ethanol–water solution, after removal of the catalyst and extraction of the product, was found to have catalytic activity, thus showing the presence of soluble Pd(0)/Pd(II) species that can be regarded as the true catalysts.

Synthesis of a solvent-sensitive highly fluorescent derivative of perfluorocyclopentene

pp 7675–7679

Zhan-Xian Li, Wei Sun, Yan-Feng Yue, Ming-Hua Zheng, Chun-Hu Xu, Jing-Yi Jin, Chen-Jie Fang and Chun-Hua Yan*

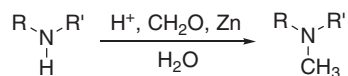


N-[2-(1',3',4',4',5',5'-Hexafluorocyclopentenyl)]-4-(5-methoxy-thiazolyl)pyridine based on 4-bromo-5-methoxy-2-(4-pyridyl)thiazole and perfluorocyclopentene was synthesized. Detailed studies of its photophysical properties showed that the fluorescent properties of such a strong fluorophore are largely dependent on solvents.



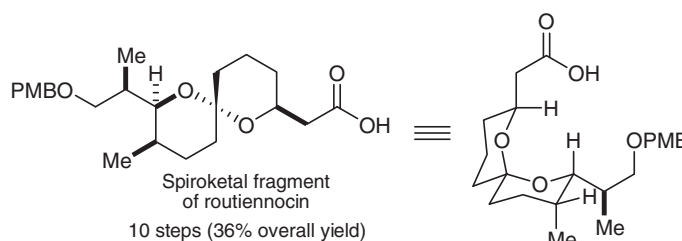
Reductive methylation of primary and secondary amines and amino acids by aqueous formaldehyde and zinc pp 7680–7682

Renato A. da Silva, Idália H. S. Estevam and Lothar W. Bieber*


Stereoselective synthesis of the 6,6-spiroketal core of CP-61,405 (roustiennocin)

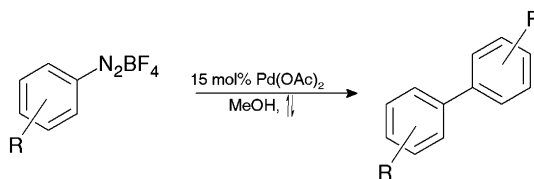
pp 7683–7686

Luiz C. Dias,* Valquírio G. Correia and Fernanda G. Finelli


Palladium-catalyzed homocoupling of arenediazonium salts: an operationally simple synthesis of symmetrical biaryls

pp 7687–7690

Monique K. Robinson, Vasilina S. Kochurina and James M. Hanna, Jr.*

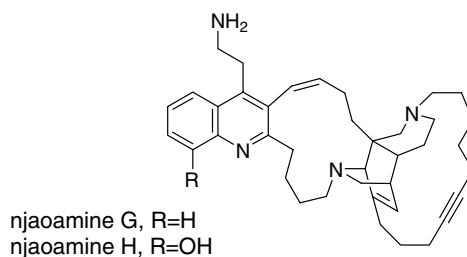


Homocoupling of arenediazonium tetrafluoroborates by refluxing in methanol with 15 mol % Pd(OAc)₂ gave symmetrical biaryls in yields ranging from 0% to 88%.

Njaoamines G and H, two new cytotoxic polycyclic alkaloids and a tetrahydroquinolone from the marine sponge *Neopetrosia* sp.

pp 7691–7694

Hagit Sorek, Amira Rudi, Yehuda Benayahu and Yoel Kashman*



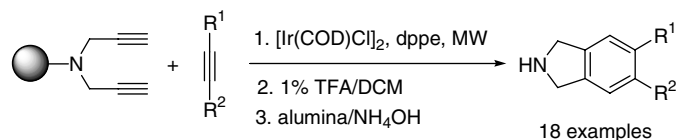
An improved procedure for the separation of (+) or (–)-isopinocampheol, the major side product of the oxidation workup procedure of Brown's asymmetric crotylboration pp 7695–7697

Zhengmao Hua and Zhendong Jin*

Separation of (+) or (–)-isopinocampheol, the major side product of the oxidation workup procedure of Brown's asymmetric reactions such as crotylboration, from the desired product is quite tedious and often requires repeated column chromatography. It is discovered that a sublimation process can be used to easily separate this major side product.

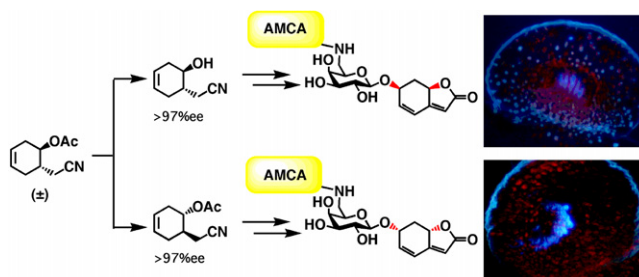
Microwave-assisted iridium-catalyzed [2+2+2] cycloaddition of resin-bound dipropargylamine with alkynes pp 7698–7701

Muthian Shanmugasundaram, Ana Luisa Aguirre, Melissa Leyva, Beili Quan and Luis E. Martinez*



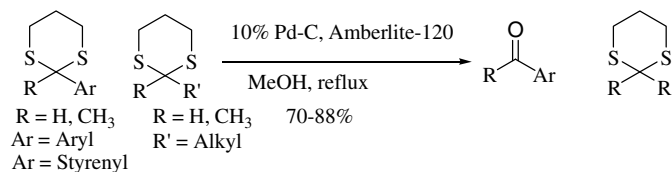
Enantio-differential approach using fluorescence-labeled phyllanthurinolactone, a leaf-closing factor of *Phyllanthus urinaria* L. pp 7702–7705

Nobuki Kato, Masayoshi Inada, Hirotaka Sato, Satoko Ito, Mitsuru Shoji and Minoru Ueda*



An efficient and chemoselective deprotection of aryl- and styrenyldithioacetals (acetals) pp 7706–7708

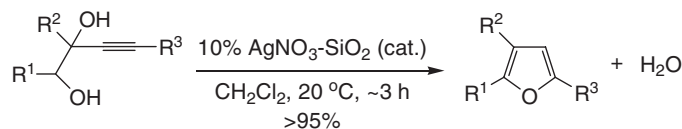
Eng-Chi Wang, Chien-Huang Wu, Shih-Chang Chien, Wen-Chang Chiang and Yueh-Hsiung Kuo*



An efficient furan synthesis using heterogeneous catalysis

pp 7709–7712

Simon J. Hayes, David W. Knight,* Melanie D. Menzies, Mark O'Halloran and Wen-Fei Tan

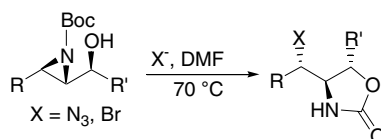


3-Alkyne-1,2-diols undergo exceptionally efficient cyclodehydration when exposed to catalytic quantities of 10% w/w silver(I) nitrate absorbed on silica gel to give essentially quantitative yields of the corresponding furans.

An easy one-pot stereoselective synthesis of 4-substituted and 4,5-disubstituted oxazolidin-2-ones from *N*-Boc-2,3-aziridino alcohols

pp 7713–7716

Giuliana Righi,* Simona Ciambrone, Alessandra Pompili and Francesco Caruso

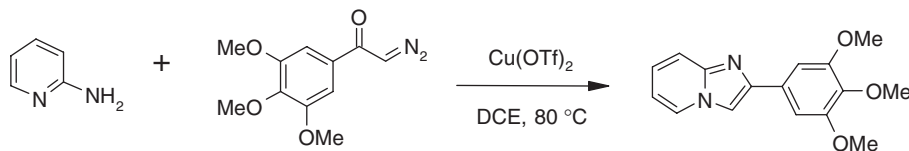


A novel and efficient one-pot stereoselective transformation of *N*-(*t*-butoxycarbonyl)-2,3-aziridino alcohols into 4-substituted and 4,5-disubstituted oxazolidin-2-ones has been developed; these functionalized products are amenable to other elaborations, some of which are described.

**Cu(OTf)₂-catalyzed synthesis of imidazo[1,2-*a*]pyridines from α -diazoketones and 2-aminopyridines**

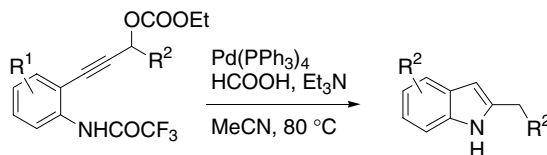
pp 7717–7720

J. S. Yadav,* B. V. Subba Reddy, Y. Gopal Rao, M. Srinivas and A. V. Narsaiah

**2-Alkylindoles via palladium-catalyzed reductive cyclization of ethyl 3-(*o*-trifluoroacetamidophenyl)-1-propargyl carbonates**

pp 7721–7725

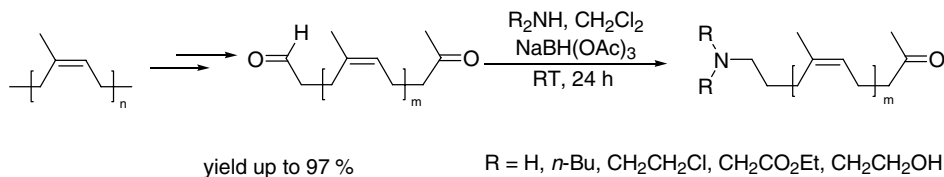
Ilaria Ambrogio, Sandro Cacchi* and Giancarlo Fabrizi



Direct selective reductive amination of carbonyl telechelic oligoisoprenes: elaboration of promising tri- and tetrafunctionalized oligoisoprene intermediates

pp 7726–7730

Gaëlle Morandi, Nasreddine Kebir, Irène Campistron, Frédéric Gohier, Albert Laguerre and Jean-François Pilard*

**OTHER CONTENT****Corrigendum**

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*Corresponding author

Supplementary data available via ScienceDirect

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