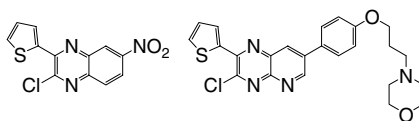


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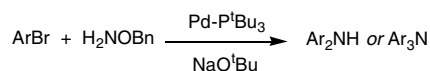
Dan Sherman, Joel Kawakami, Hai-Ying He, Farah Dhun, Raphael Rios, Hu Liu, Weitao Pan, Yong-Jiang Xu, Sang-phyo Hong, Melissa Arbour, Marc Labelle and Matthew A. J. Duncton*



A set of unsymmetrical and regio-defined quinoxalines and pyridinopyrazines were prepared. Regioselectivity was established by the use of differential reactivity in an aromatic diamine precursor.

Hydroxylamine *O*-benzyl ether as an ammonia equivalent in the catalytic amination of aryl halides pp 8947–8950

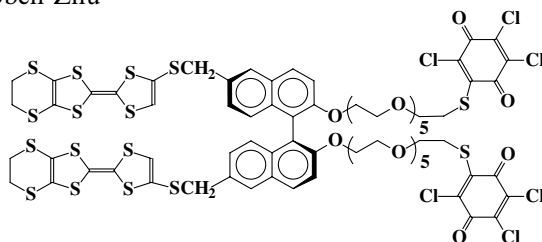
Robin B. Bedford* and Michael Betham



Hydroxylamine *O*-benzyl ether acts as an effective ammonium surrogate in the amination of aryl bromides.

Binaphthalene with substituted tetrathiafulvalene and trichloroquinone: a new example of metal ion-promoted electron transfer pp 8951–8955

Hui Wu, Deqing Zhang* and Daoben Zhu*



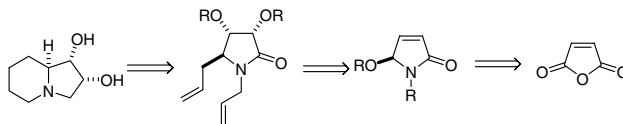
Electron transfer between TTF and quinone units of a substituted binaphthalene was observed in the presence of metal ions (Pb^{2+} , Sc^{3+} , Zn^{2+} , and Ca^{2+}).



Total synthesis of (–)-2-*epi*-lentiginosine by use of chiral 5-hydroxy-1,5-dihydropyrrol-2-one as a building block

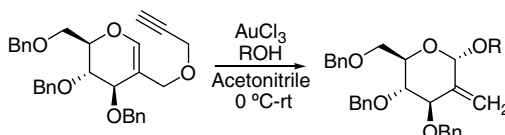
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Takayuki Muramatsu, Sho Yamashita, Yumiko Nakamura, Masahisa Suzuki, Nobuyuki Mase, Hidemi Yoda and Kunihiko Takabe*


Synthesis of C-2 methylene glycosides from C-2 propargyloxymethyl glycols exploiting the alkynophilicity of AuCl₃

pp 8960–8962

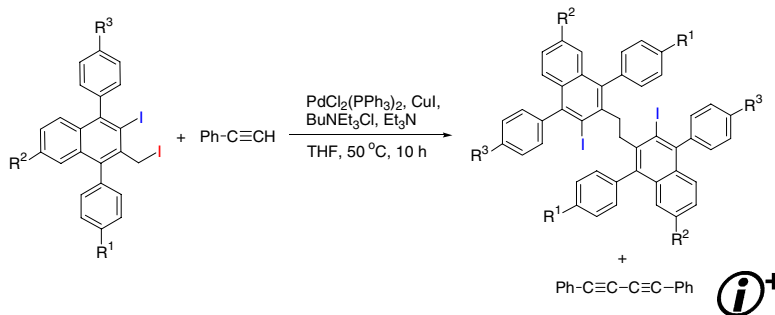
Sudhir Kashyap, Srinivasa Rao Vidadala and Srinivas Hotha*


Pd/Cu catalyzed homo-coupling reactions of 2-iodo-3-iodomethyl-1,4-diarylnaphthalene in the presence of arylacetylene

pp 8963–8966

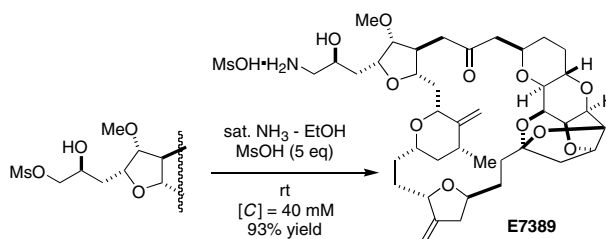
Shuyun Zhang, Minjuan Zhang and Min Shi*

Palladium/CuI catalyzed homo-coupling reaction of 2-iodo-3-iodomethyl-1,4-diarylnaphthalenes in the presence of arylacetylenes produced the corresponding sp^3 – sp^3 homo-coupling products 1,2-bis(3-iodonaphthalen-2-yl)ethane in moderate to good yields.


Effective procedure for selective ammonolysis of monosubstituted oxiranes: application to E7389 synthesis

pp 8967–8971

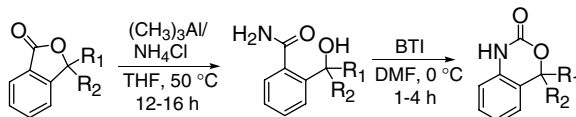
Yosuke Kaburagi and Yoshito Kishi*



Synthesis of 1,4-dihydro-benzo[d][1,3]oxazin-2-ones from phthalides via an aminolysis-Hofmann rearrangement protocol

pp 8972–8975

Eliud Hernández, Jessica M. Vélez and Cornelis P. Vlaar*

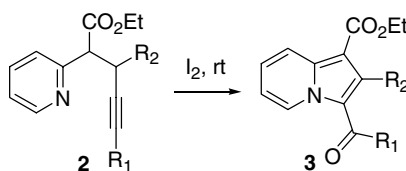


A two-step procedure for the synthesis of benzoxazinones from phthalides was developed.

**A novel approach to 3-acylated indolizine structures via iodine-mediated hydrative cyclization**

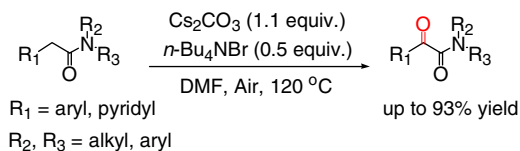
pp 8976–8981

Ikyon Kim,* Sun Gi Kim, Ji Young Kim and Ge Hyeong Lee

**Cesium carbonate promoted aerobic oxidation of arylacetamides: an efficient access to N-substituted α -keto amides**

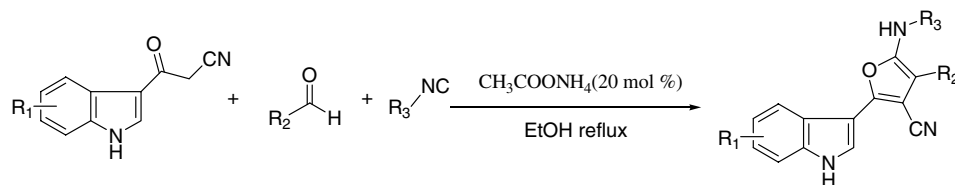
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Bingrui Song, Siyuan Wang, Caiyun Sun, Hongmei Deng and Bin Xu*

A novel cesium carbonate/tetra-*n*-butylammonium bromide promoted aerobic oxidation reaction to provide N-substituted α -keto amides from easily available arylacetamides was described.**Facile synthesis of 3-(2-furanyl)indoles via a multicomponent reaction**

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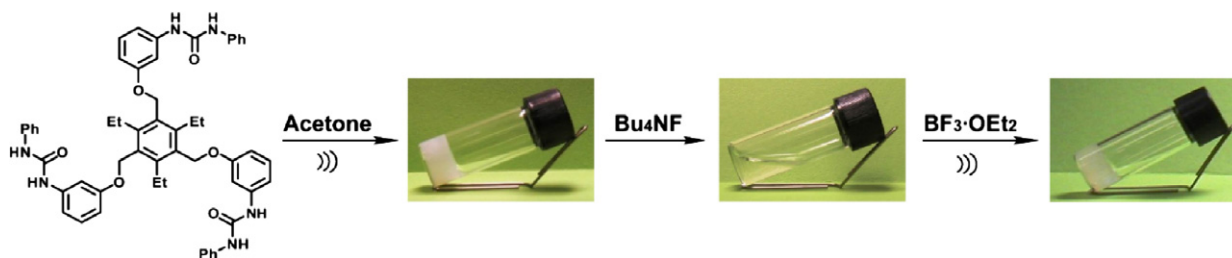
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Reversible sol–gel transition of a tris–urea gelator that responds to chemical stimuli

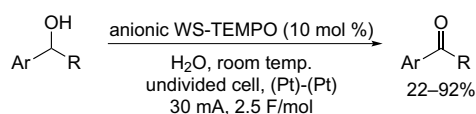
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**Anionic WS-TEMPO-mediatory electrooxidation of alcohols in water: halide-free oxidation directed towards a totally closed system**

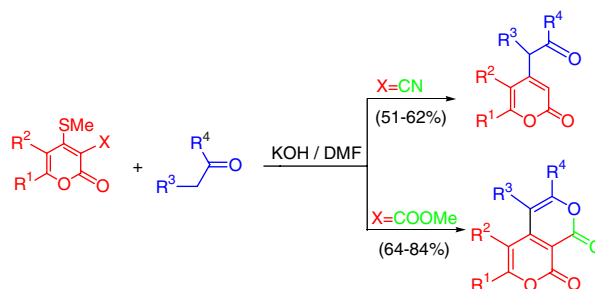
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Koichi Mitsudo, Hiroki Kumagai, Fumiko Takabatake, Jun Kubota and Hideo Tanaka*

**A substituent-controlled general approach to access arylated pyran-2-ones and pyrano[3,4-*c*]pyran-1,8-diones**

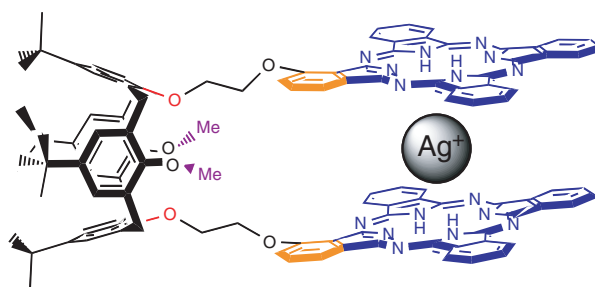
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Fateh V. Singh, Manish Dixit, Sumit Chaurasia, Resmi Raghunandan, Prakas R. Maulik and Atul Goel*

**Preparation and sensor evaluation of a Pacman phthalocyanine**

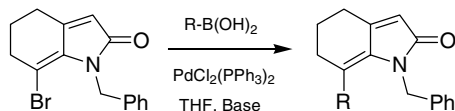
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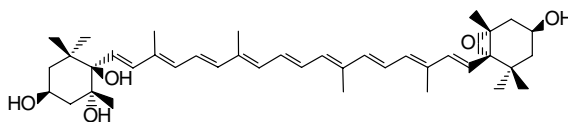


Synthesis of novel 7-substituted 5,6-dihydroindol-2-ones via a Suzuki–Miyaura cross-coupling strategy pp 9008–9011

Wai Kean Goh, David StC Black and Naresh Kumar*

**Latoxanthin, a minor carotenoid isolated from the fruits of yellow paprika (*Capsicum annuum* var. *lycopersiciforme flavum*)** pp 9012–9014

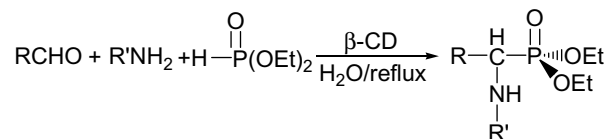
Veronika Nagy, Attila Agócs,* Erika Turcsi, Péter Molnár, Zoltán Szabó and József Deli



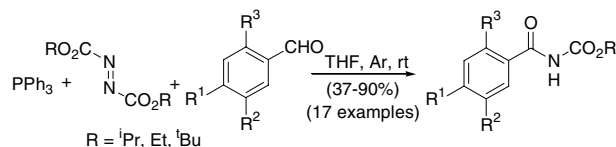
Latoxanthin was isolated as a minor carotenoid from the ripe fruits of yellow tomato shaped paprika and identified as (all-*E*,3*S*,5*R*,6*R*,3'*S*,5'*R*,6'*S*)-5',6'-epoxy-5,6,5',6'-tetrahydro- β , β -carotene-3,5,6,3'-tetrol based on spectral data.

 β -Cyclodextrin as an efficient catalyst for the one-pot synthesis of 1-aminophosphonic esters in water pp 9015–9017

Babak Kaboudin* and Mina Sorbiun

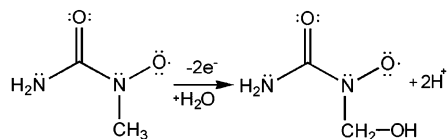
**Reaction of TPP-azodicarboxylate zwitterions and aryl aldehydes: unprecedented synthesis of acyl carbamates** pp 9018–9020

Vijay Nair,* Smitha C. Mathew, A. T. Biju and E. Suresh



An efficient synthesis of acyl carbamates from aryl aldehydes by the reaction of triphenylphosphine and dialkyl azoesters is described.

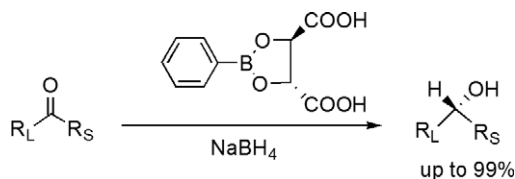
Formation of free radicals during the oxidation of *N*-methylhydroxyurea with dioxovanadium(V) ions pp 9021–9024
Tin Weitner, Erim Bešić, Ivan Kos, Mario Gabričević and Mladen Birus*



The transformation of free radicals derived from *N*-methylhydroxyurea on reaction with VO_2^+ is described.

Asymmetric reductions using the chiral boronic ester TarB–H: a practical and inexpensive procedure for synthesizing chiral alcohols pp 9025–9029

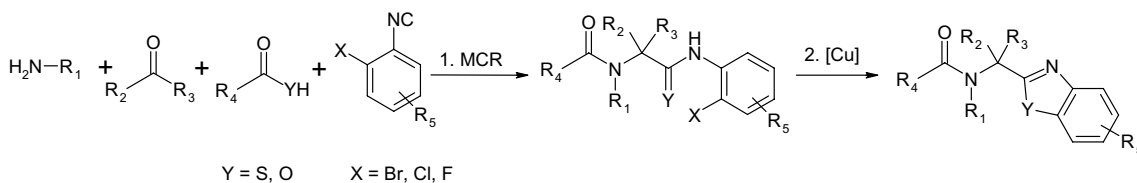
Scott Eagon, Jinsoo Kim, Katie Yan, Dustin Haddenham and Bakthan Singaram*



Diversity oriented synthesis of benzoxazoles and benzothiazoles

pp 9030–9034

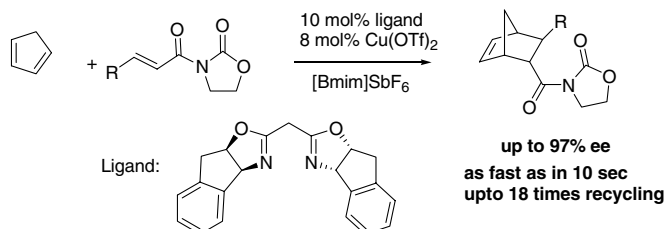
Julia H. Spatz,* Thorsten Bach, Michael Umkehrer, Julien Bardin, Günther Ross, Christoph Burdack and Jürgen Kolb



Chiral bis(oxazoline)–copper complex catalyzed Diels–Alder reaction in ionic liquids: remarkable reactivity and selectivity enhancement, and efficient recycling of the catalyst

pp 9035–9039

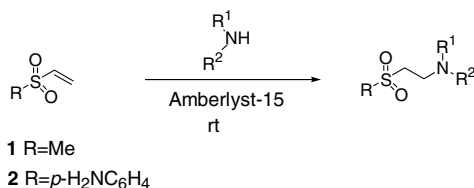
Chang-Eun Yeom, Hye Won Kim, Yong Je Shin and B. Moon Kim*



Aza-Michael reactions with vinyl sulfones and Amberlyst-15 as catalyst

pp 9040–9043

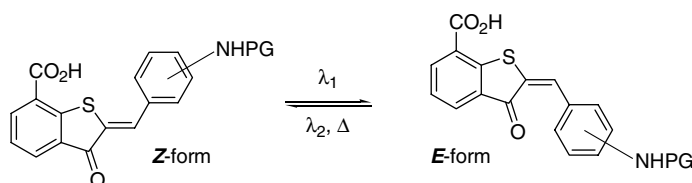
Ana P. Esteves,* Marília E. Silva, Lígia M. Rodrigues, Ana M. F. Oliveira-Campos and Radim Hrdina



Synthesis of rigid photoswitchable hemithioindigo ω-amino acids

pp 9044–9047

Torsten Schadendorf, Christian Hoppmann and Karola Rück-Braun*



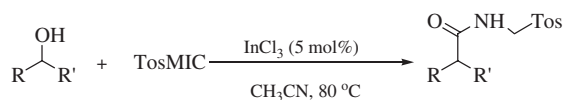
The synthesis of novel *N*-Boc- and *N*-Fmoc protected hemithioindigo-based ω-amino acids is described. An approach to modulate the thermal stability of a hemithioindigo subunit is presented. Placing the amino-group in the stilbene part from the *para*- to *meta*-position leads to an increase of the half-life of the thermally labile *E*-form from 19 h to 47 h.



InCl₃ catalyzed C–C coupling of aryl alcohols and TosMIC

pp 9048–9050

Palakodety Radha Krishna,* E. Raja Sekhar and Y. Lakshmi Prapurna

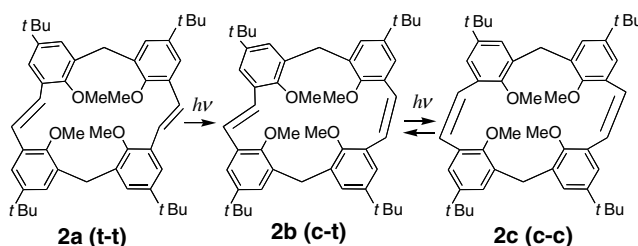


The InCl₃ mediated C–C coupling reaction between aryl alcohols and TosMIC is reported.

[1.1]meta-Stilbenophanes as calixarene analogs: preparation, crystal structure, and cis–trans photoisomerization

pp 9051–9055

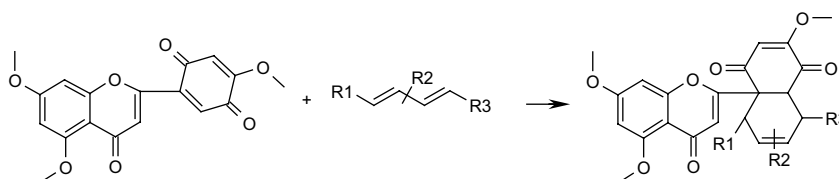
Tsuyoshi Sawada,* Minoru Morita, Kazufumi Chifuku, Yutaka Kuwahara, Hideto Shosenji, Makoto Takafuji and Hiroataka Ihara



Diels–Alder adducts from flavonoid

pp 9056–9058

Marie-France Laroche, Arnaud Marchand, Alain Duflos and Georges Massiot*

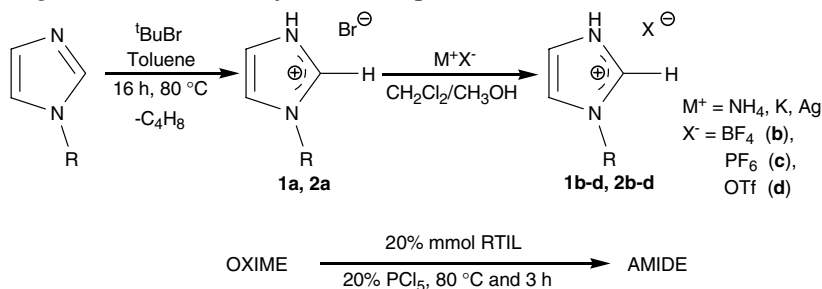


A quinoflavonoid was synthesized from commercially available products over three steps. The quinoflavonoid turned out to be an excellent dienophile in Diels–Alder reaction. Reactions were easily performed in dichloromethane, and after evaporation of the solvent, expected products were obtained in good yields.

Synthesis of *N*-alkylimidazolium salts and their utility as solvents in the Beckmann rearrangement

pp 9059–9062

Kandasamy Elango, Renganathan Srirambalaji and Ganapathi Anantharaman*



*Corresponding author

Supplementary data available via ScienceDirect

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