

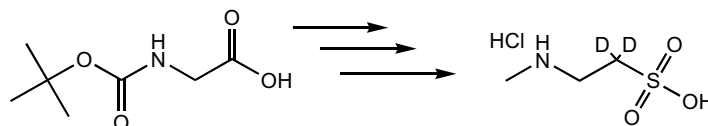
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Facile synthesis of 1,1-[²H₂]-2-methylaminoethane-1-sulfonic acid as a substrate for taurine α ketoglutarate dioxygenase (TauD)

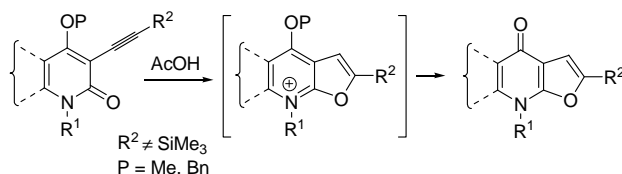
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Kevin P. McCusker, Judith P. Klinman *


Synthesis of furo[2,3-*b*]pyridin-4(7*H*)-ones and related quinolinone via Brønsted acid-promoted cyclisation of alkynes

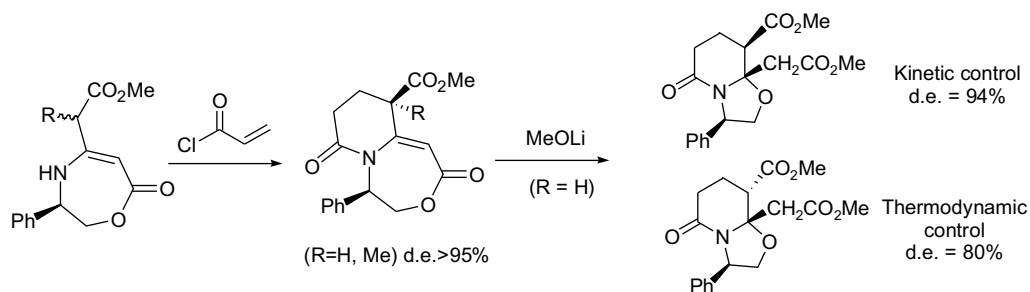
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Emmanuel Bossharth, Philippe Desbordes, Nuno Monteiro *, Geneviève Balme *


Aza-annulation of β-enaminolactones: application to the synthesis of enantiopure difunctionalized bicyclic lactams

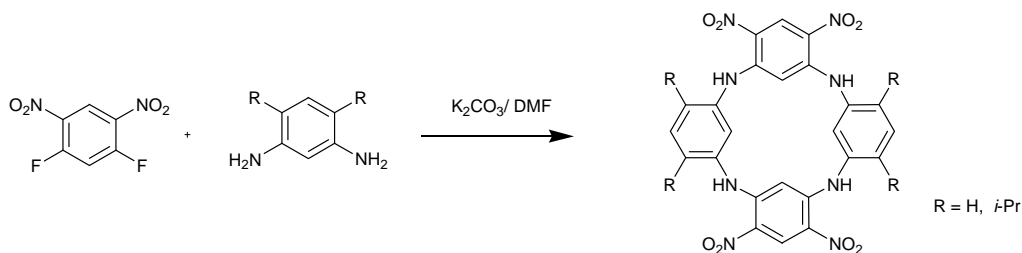
pp 617–619

Jeanne Alladoux, Valérie Toum, Séverine Hebbe, Catherine Kadouri-Puchot, Luc Dechoux *

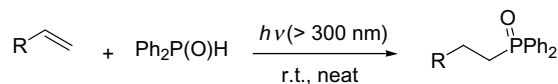


Synthesis and conformational properties of tetranitroazacalix[4]arenes

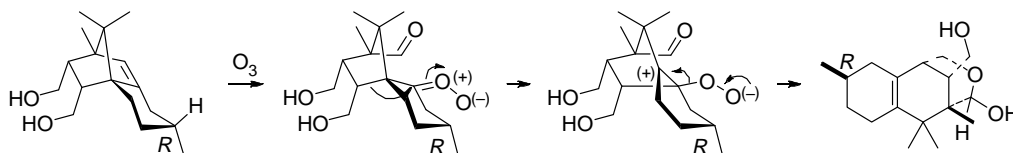
pp 620–623

Hisatoshi Konishi ^{*}, Shun Hashimoto, Terunobu Sakakibara, Shingo Matsubara, Yusuke Yasukawa, Osamu Morikawa, Kazuhiro Kobayashi**Photoinduced hydrophosphinylation of alkenes with diphenylphosphine oxide**

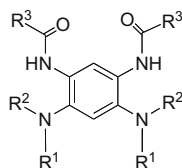
pp 624–626

Shin-ichi Kawaguchi, Akihiro Nomoto, Motohiro Sonoda, Akiya Ogawa ^{*}**Wagner–Meerwein rearrangement in the course of the ozonolysis of a bornene derivative**

pp 627–629

Céline Reynaud, Michel Giorgi, Henri Doucet ^{*}, Maurice Santelli ^{*}**Synthesis and characterization of *N*-alkyl 1,3-diamino-4,6-diamidobenzenes**

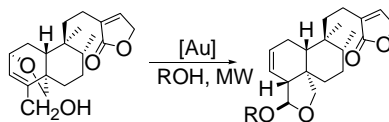
pp 630–632

Claire Seillan, Olivier Siri ^{*}

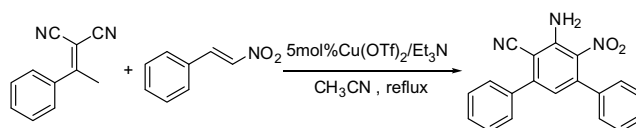
A new preparation of *N*-substituted 1,3-diamino-4,6-diamidobenzenes allowed the access to the first *N*-alkylamino derivatives for which a fine-tuning of the *N*-*R* substituents should enlarge the scope of this family of molecules.

Microwave-assisted gold(I) catalyzed pyran ring opening in brevifloralactone: synthesis of the hawtriwaic acid core

pp 633–635

Luis D. Miranda ^{*}, Joaquín González Marrero ^{*}, Elihú Bautista, Emma Maldonado, Alfredo Ortega**Cu(OTf)₂/Et₃N-promoted cyclocondensation of activated α -methylene alkenes and nitroolefins: a novel one-pot synthesis of polysubstituted benzenes**

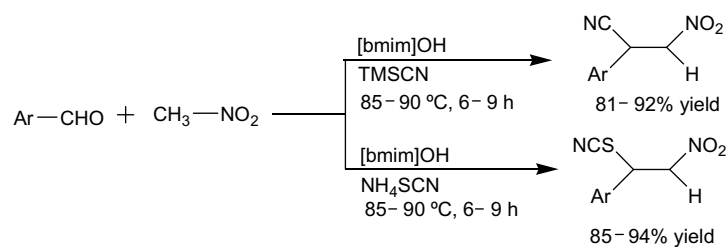
pp 636–639

Weike Su ^{*}, Kai Ding, Zhiwei Chen

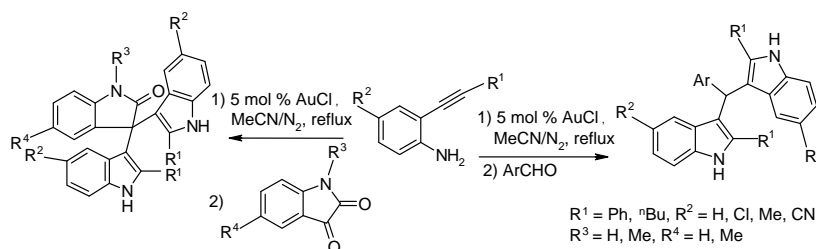
A simple and efficient one-pot synthesis of polyfunctionalized benzenes has been developed via cyclocondensation of activated α -methylene alkenes such as vinyl malononitriles and ethyl vinyl cyanoacetates with nitroolefins using Cu(OTf)₂/Et₃N as a novel catalytic system.

The first ionic liquid-promoted three-component coupling strategy for an expeditious synthesis of β -nitrocarbonitriles/thiocyanates

pp 640–643

Lal Dhar S. Yadav ^{*}, Ankita Rai**Gold(I)-catalyzed sequential cycloisomerization/bis-addition of *o*-ethynylanilines: an efficient access to bis(indolyl)methanes and di(indolyl)indolin-2-ones**

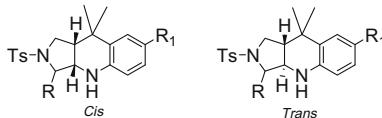
pp 644–647

C. Praveen, Y. Wilson Sagayaraj, P. T. Perumal ^{*}

A novel heterotricyclic assembly through intramolecular imino Diels–Alder reaction: synthesis of pyrrolo[3,4-*b*]quinolines

pp 648–650

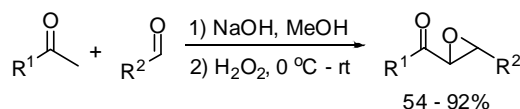
Mathesan Jayagobi, Mahalingam Poornachandran, Raghavachary Raghunathan *



A convenient and efficient one-pot way to synthesize α,β -epoxy ketones directly from acetophenones and arylaldehydes

pp 651–655

Lun-Zhi Dai, Min Shi *

R¹ = aryl groups, R² = aryl groups

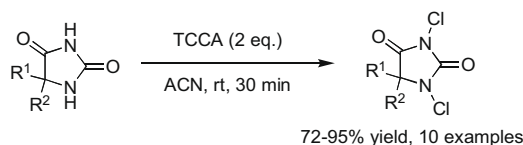
A convenient and efficient one-pot way to synthesize α,β -epoxy ketones from ketones and aldehydes has been described. Reactions were carried out at room temperature and the corresponding α,β -epoxy ketones were isolated in moderate to excellent yields.



A simple and expedient method for the preparation of *N*-chlorohydantoins

pp 656–658

Daniel C. Whitehead, Richard J. Staples, Babak Borhan *



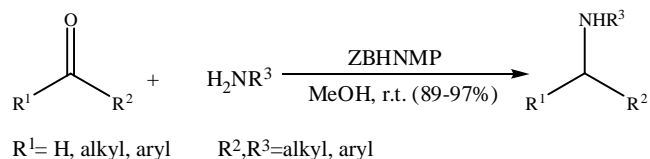
A simple and efficient methodology for the preparation of *N*-chlorinated hydantoins is presented. These versatile chlorenium sources were isolated in high yield after a simple recrystallization. Among the ten examples are the first chiral *N*-chlorohydantoins.



Reductive amination of aldehydes and ketones to their corresponding amines with *N*-methylpyrrolidine zinc borohydride

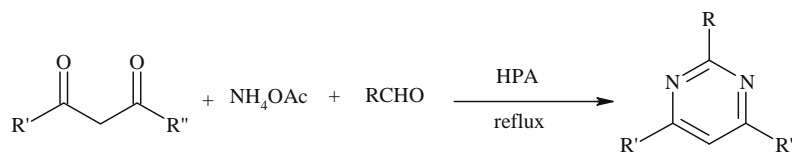
pp 659–661

Heshmat Alinezhad *, Mahmood Tajbakhsh, Fatemeh Salehian, Kazem Fazli



A direct oxidative route for the synthesis of pyrimidines using heteropolyacids

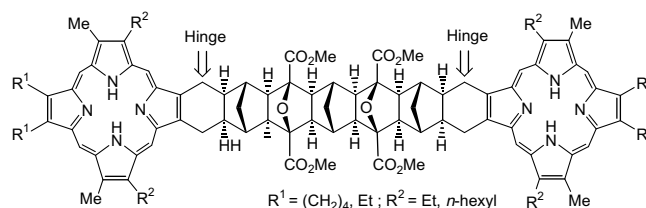
pp 662–666

Majid M. Heravi^{*}, Samaheh Sadjadi, Hossein A. Oskooie, Rahim Hekmat Shoar, Fatemeh F. Bamoharram

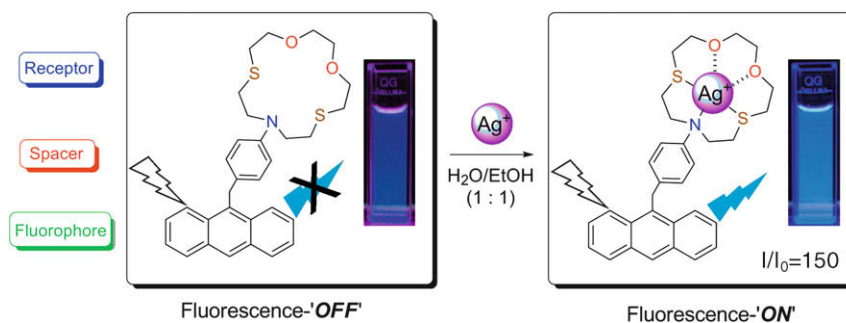
Pyrimidines are synthesized via a direct oxidative one-pot, three-component, reaction between 1,3-diketone, benzaldehydes, and ammonium acetate in the presence of catalytic amounts Keggin-type heteropolyacids under reflux in good yields.

Hinged bis-porphyrin scaffolds I. The synthesis of a new porphyrin diene and its role in constructing hinged porphyrin dyads and cavity systems

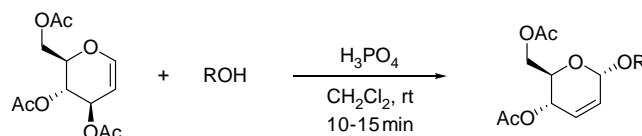
pp 667–670

Hesheng Tang, Zemin Dong, Zul Merican, Davor Margetić^{*}, Željko Marinić, Maxwell J. Gunter, David Officer, Douglas N. Butler, Ronald N. Warrener**A highly selective fluorescent chemosensor for silver(I) in water/ethanol mixture**

pp 671–675

Chul Soon Park, Jai Young Lee, Eun-Ju Kang, Ji-Eun Lee, Shim Sung Lee^{*}**A convenient synthesis of pseudoglycosides via a Ferrier-type rearrangement using metal-free H3PO4 catalyst**

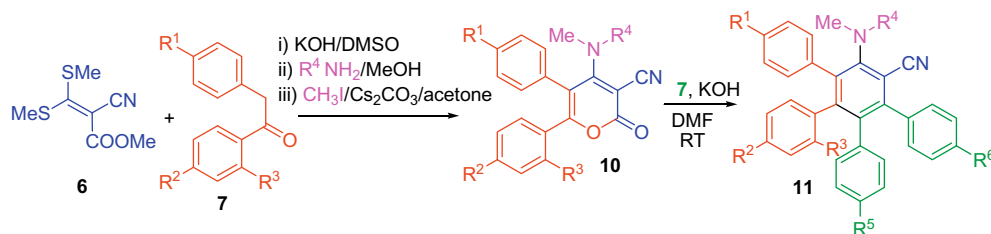
pp 676–679

Bala Kishan Gorityala, Shuting Cai, Rujee Lorpitthaya, Jimei Ma, Kalyan Kumar Pasunooti, Xue-Wei Liu^{*}

Highly convenient regioselective synthesis of functionalized arylated benzene from ketene-S,S-acetal under mild conditions at room temperature

pp 680–683

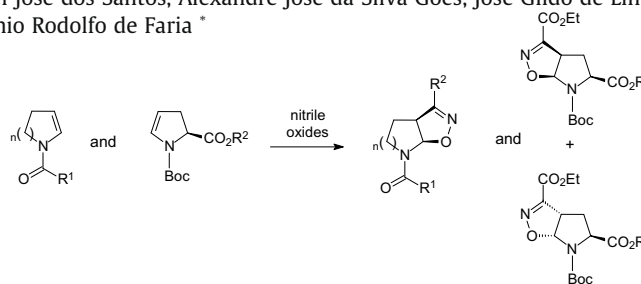
Vijay Kumar, Fateh V. Singh, Amrita Parihar, Atul Goel *



Synthesis of new aza-bicyclic 2-isoxazolines by 1,3-dipolar cycloaddition of endocyclic enecarbamates and enamides with nitrile oxides

pp 684–687

Valderes Moraes de Almeida, Rosiel José dos Santos, Alexandre José da Silva Góes, José Gildo de Lima, Carlos Roque Duarte Correia, Antônio Rodolfo de Faria *



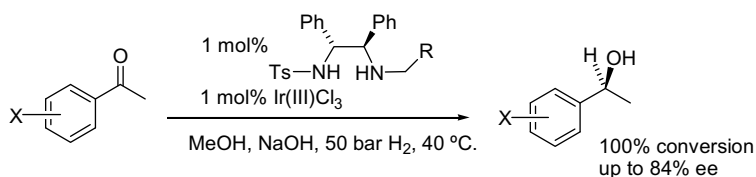
$n = 1$ or 2 ; $R = \text{Me, Bn}$; $R^1 = \text{aryl, OEt, OBn}$; $R^2 = \text{CO}_2\text{Et, CONH}_2, \text{aryl, 2-furfuryl}$.



Asymmetric hydrogenation of ketones using Ir(III) complexes of *N*-alkyl-*N*-tosyl-1,2-ethanediamine ligands

pp 688–692

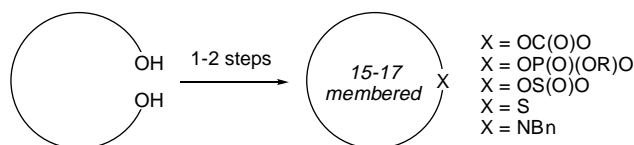
José E. D. Martins, David J. Morris, Martin Wills *



Rapid synthesis of macrocycles from diol precursors

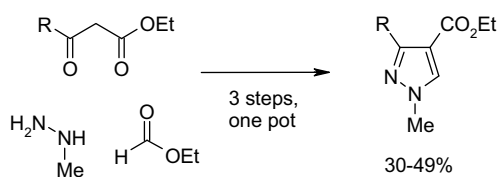
pp 693–695

Magnus J. Wingstrand, Charlotte M. Madsen, Mads H. Clausen *



A one-pot process for the regioselective synthesis of 1,3,4-trisubstituted-1H-pyrazoles

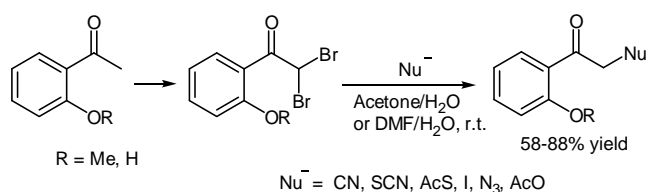
pp 696–699

Steven A. Raw^{*}, Andrew T. Turner

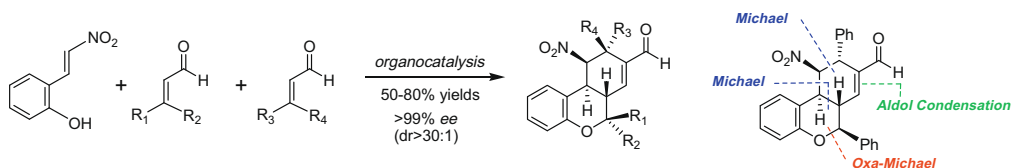
A three-step, one-pot process for the regioselective production of 1,3,4-trisubstituted-1H-pyrazoles has been developed, exploiting readily available and cheap raw materials. The process is operationally simple and has been applied to a range of examples, with yields of 30–49% being obtained.

Reactions of *ortho*-substituted α,α -dibromoacetophenones with nucleophiles: first examples of combined carbophilic and bromophilic attack on C–Br bonds

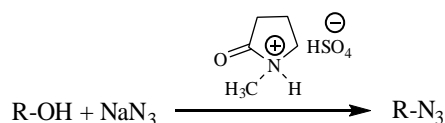
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Jovana Tatar, Marija Baranac-Stojanović, Milovan Stojanović, Rade Marković^{*}**Enantioselective synthesis of the tetrahydro-6H-benzo[c]chromenes via Domino Michael–Aldol condensation: control of five stereocenters in a quadruple-cascade organocatalytic multi-component reaction**

pp 704–707

Prakash Kotame, Bor-Cheng Hong^{*}, Ju-Hsiou Liao**A mild and efficient method for preparation of azides from alcohols using acidic ionic liquid [H-NMP]HSO₄**

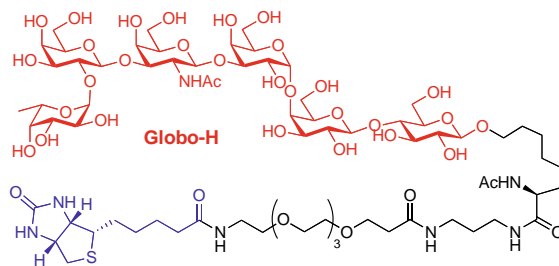
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Abdol R. Hajipour^{*}, Asiyeh Rajaei, Arnold E. Ruoho

Synthesis of biotinylated tumor-associated carbohydrate antigens for immunological studies

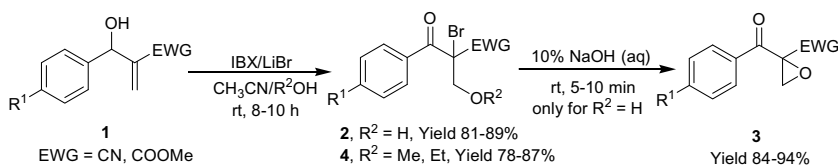
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Jianglong Zhu, Qian Wan, Samuel J. Danishefsky *

**IBX/LiBr-promoted one-pot oxidative anti-Markovnikov bromohydroxylation/bromoalkoxylation of Baylis–Hillman olefins**

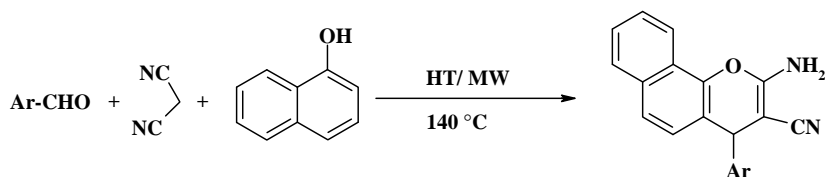
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Lal Dhar S. Yadav *, Chhama Awasthi

**Exploitation of the catalytic efficacy of Mg/Al hydrotalcite for the rapid synthesis of 2-aminochromene derivatives via a multicomponent strategy in the presence of microwaves**

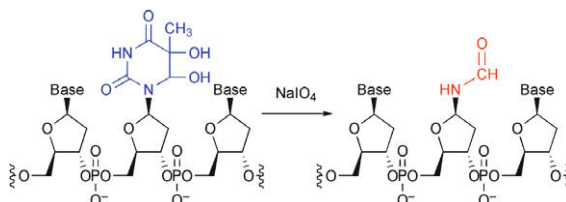
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Mandar P. Surpur, Siddheshwar Kshirsagar, Shriniwas D. Samant *

**Efficient conversion of thymine glycol into the formamide lesion in oligonucleotides**

pp 723–726

Tatsuya Toga, Junpei Yamamoto, Shigenori Iwai *




Oxidation of thymidine glycol with sodium periodate efficiently produced *N*-(2-deoxy-β-*D*-erythro-pentofuranosyl)formamide. This method was successfully applied to the conversion of thymine glycol in oligonucleotides into the formamide lesion.



OTHER CONTENT**Corrigendum****p 727**

Pawel Dziezic, Jan Vesely, Armando Córdova *

*Corresponding author

 Supplementary data available via ScienceDirect

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