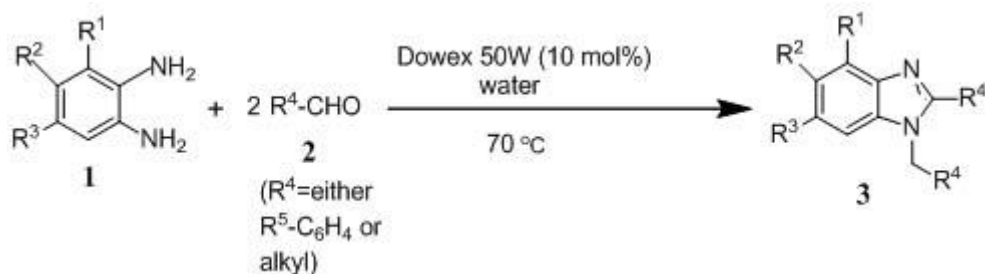


1. Water mediated expeditious and highly selective synthesis of 2-aryl-1-arylmethyl-1H-1,3-benzimidazoles by Dowex 50W : fluorescence properties of some representative compounds (09-4316QP)

Chhanda Mukhopadhyay, Arup Datta, Ray J Butcher, Bijan Kumar Paul, Nikhil Guchhait and Raghunath Singha

Full Text: [PDF \(667K\)](#)

pp. 1 - 22



received Aug 14 2009; accepted Nov 9 2009; published Nov 22 2009;

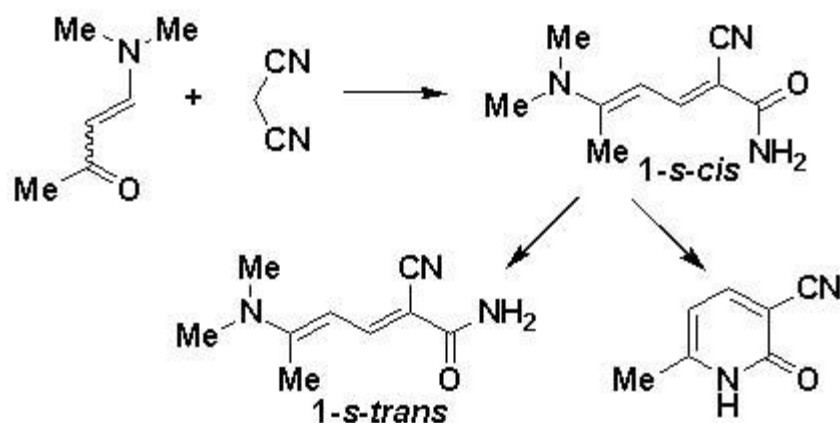
2. Structure of the intermediate in the synthesis of 6-methyl-2-oxo-1,2-dihydropyridine-3-carbonitrile (09-4062FP)

Nikolay Yu. Gorobets, Yuriy V. Sedash, Svetlana V. Shishkina, Oleg V. Shishkin, Sergey A. Yermolayev and Sergey M. Desenko

Full Text: [PDF \(298K\)](#)

Supplementary Material: [PDF \(2,079K\)](#)

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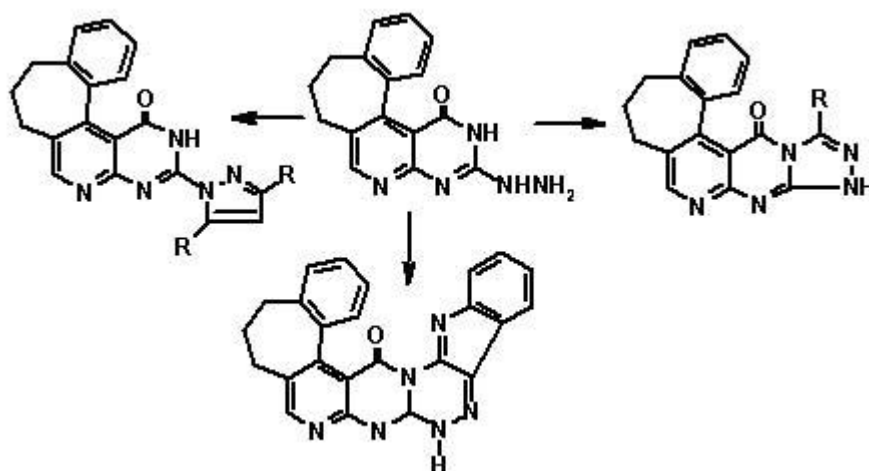
received May 12 2009; accepted Nov 2 2009; published Nov 25 2009;

3. Synthesis and reactions of 3-hydrazino-2,3,4,7,8,9-hexahydro-1H-benzo[6',7']cyclohepta[1',2':4,5]pyrido[2,3-d]pyrimidin-1-one (09-4143AP)

Mohamed S. Mohamed Ahmed and Thoraya A. Farghaly

Full Text: [PDF \(255K\)](#)

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received Jun 7 2009; accepted Nov 7 2009; published Nov 25 2009;

4. The investigation of NMR spectra of dihydropyridones derived from Curcumin (09-4130QP)

Bahjat A. Saeed, Kawkab Y. Saour and Rita S. Elias

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5. Synthesis of new 8-([1,3]benzothiazol-2-yl)-7-methoxyflavones and 8-(1*H*-benzimidazol-2-yl)-7-methoxyflavones (09-4276CP)

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X = S, NH

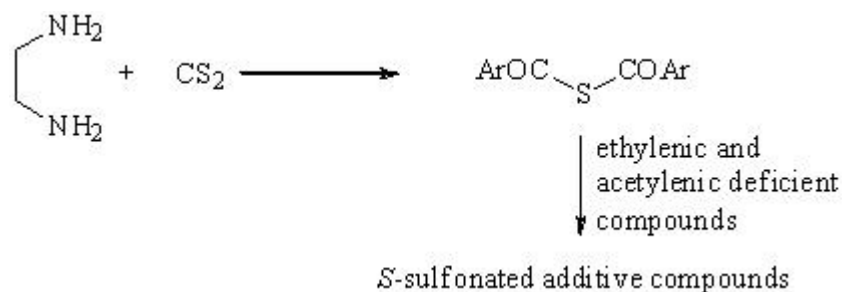
X = S, NH

6. Carbamothioates in the synthesis of diaroyl sulfides; selectivity of diaroyl sulfides and their addition to acetylenic and ethylenic deficient compounds (09-4321BP)

Ashraf A. Aly, Alan B. Brown, Alaa A. Hasaan, Kamal M. El-Shaieb and Tarek M. I. Bedair

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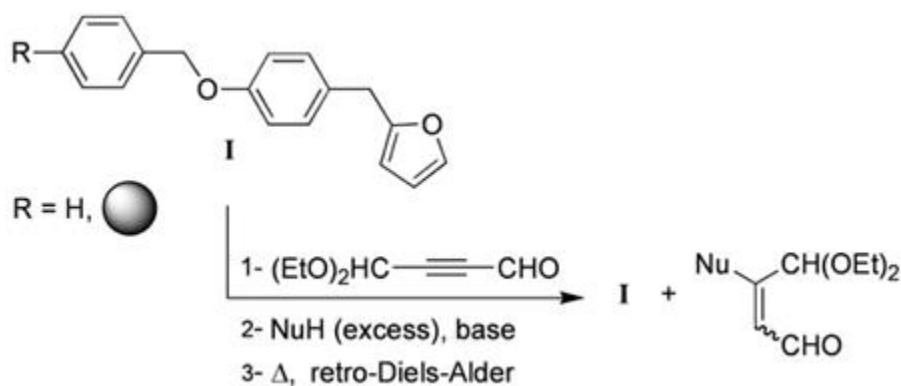
received Aug 16 2009; accepted Nov 14 2009; published Dec 4 2009;

7. Solid-phase cleavage by a thermal retro-Diels-Alder reaction: preparation of a small α,β -ethylenic aldehydes library (09-4455BP)

SÃ©bastien Albert, Luis Blanco and Sandrine Deloisy

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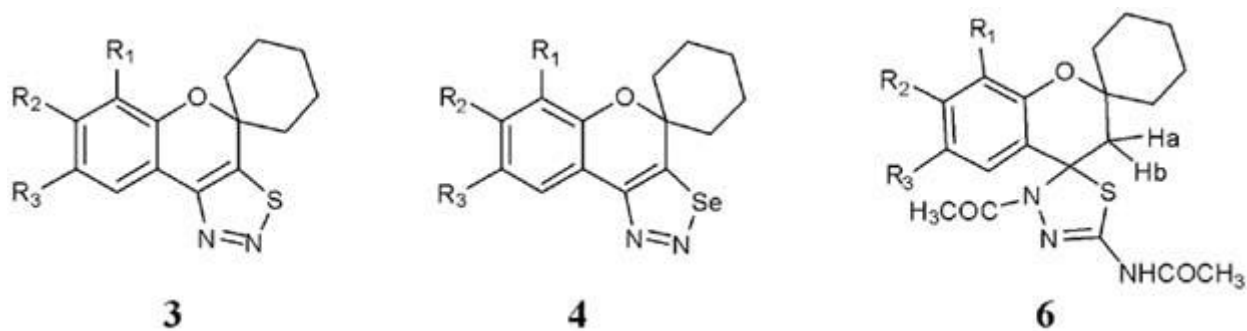
received Sep 17 2009; accepted Nov 22 2009; published Dec 4 2009;

8. Synthesis and antimicrobial activity of spiro[chromeno[4,3-*d*][1,2,3]thiadiazole-4,1 \hat{A} '-cyclohexane, spiro[chromeno[4,3-*d*][1,2,3]selenadiazole-4,1 \hat{A} '-cyclohexane and spiro [chroman-2,1 \hat{A} '-cyclohexan]-4-one-5-spiro-4-acetyl-2-(acetylamino)- Δ^2 -1,3,4-thiadiazolines compounds (09-4384HP)

Mangesh J. Pawar, Arvind B. Burungale and Bhausaheb K. Karale

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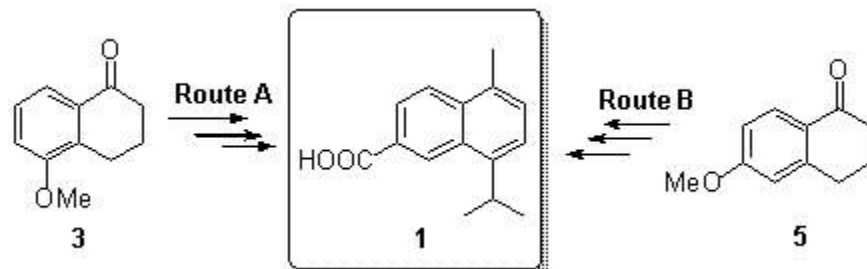
received Aug 31 2009; accepted Nov 9 2009; published Dec 6 2009;

9. Total synthesis of cadalen-15-oic acid (09-4373NP)

Po Shan Poon and Ajoy K Banerjee

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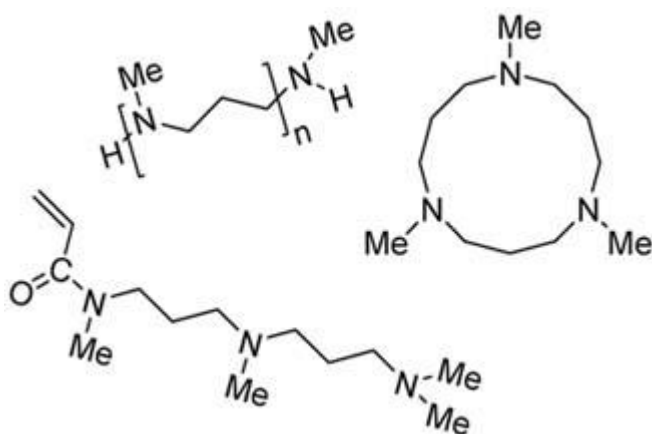
received Aug 28 2009; accepted Nov 14 2009; published Dec 6 2009;

10. Synthesis of biomimetic polyamines (09-4224KP)

Vadim V. Annenkov, Stanislav N. Zelinskiy, Elena N. Danilovtseva and Carole C. Perry

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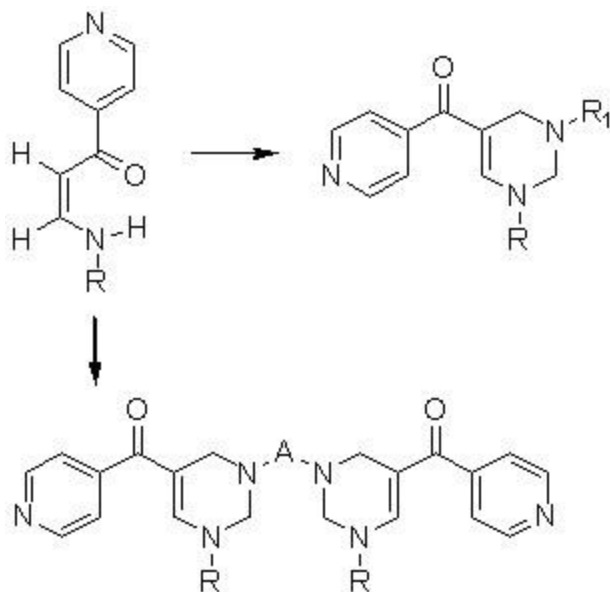
received Jul 10 2009; accepted Nov 18 2009; published Dec 6 2009;

11. Synthesis and anti-bacterial activities of novel 5-isonicotinoyl-1,2,3,4-tetrahydropyrimidines and bis-(5-isonicotinoyl-1,2,3,4-tetrahydropyrimidines) (09-4185MP)

J.N. Vishwakarma, M.C. Dutta, K. Chanda, Bhaskar Das, M.A. Laskar and R.L. Nongkhlaw

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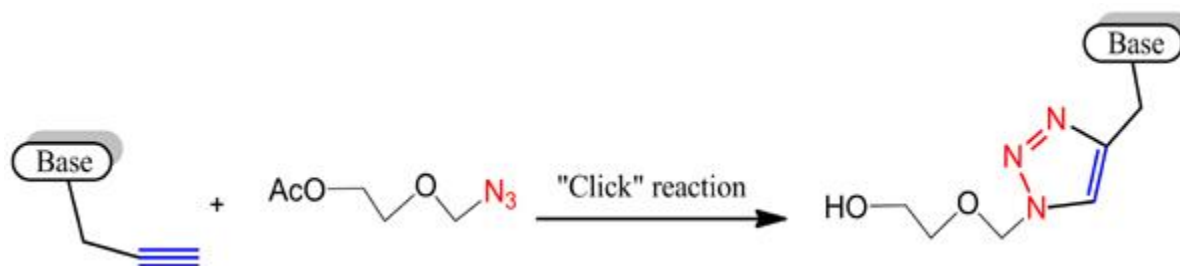
received Jun 21 2009; accepted Nov 25 2009; published Dec 13 2009;

12. Microwave-assisted click chemistry: synthesis of mono and bis-1,2,3-triazole acyclonucleoside analogues of ACV via copper(I)-catalyzed cycloaddition (09-4115AP)

J. Krim, B. Sillahi, M. Taourirte, E.M. Rakib and J.W. Engels

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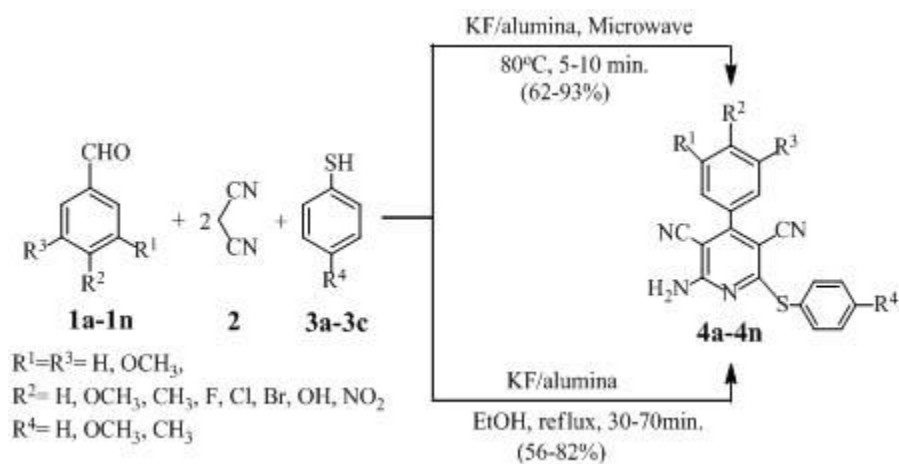
received Jun 2 2009; accepted Nov 21 2009; published Dec 14 2009;

13. Microwave-assisted, one-pot multicomponent synthesis of highly substituted pyridines of medicinal utility using KF/alumina (09-4341AP)

Krishna Nand Singh and Satish Kumar Singh

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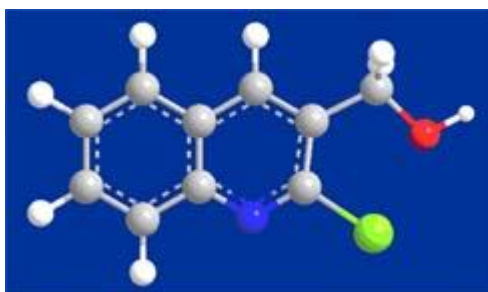
received Aug 21 2009; accepted Nov 21 2009; published Dec 20 2009;

14. Synthesis, antioxidant, hemolytic and cytotoxic activity of AB ring cores of mappicine (09-4038AP)

Selvaraj Mohana Roopan and Fazlur Rahman Nawaz Khan

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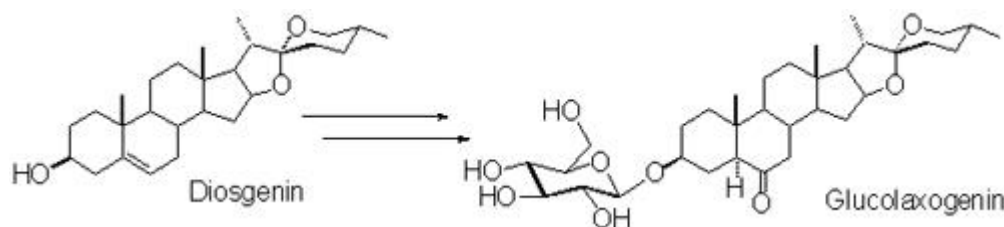
received Apr 28 2009; accepted Nov 21 2009; published Dec 20 2009;

15. Formation of the steroidal 3 β -hydroxy-6-oxo-moiety. Synthesis and cytotoxicity of glucolaxogenin
(09-4326NP)

Maria Antonieta Fernandez-Herrera, Jesus Sandoval-Ramirez, Hugo Lopez-Muñoz and Luis Sanchez-Sanchez

Full Text: [PDF \(1,568K\)](#)

pp. 170 - 184



received Aug 17 2009; accepted Nov 14 2009; published Dec 22 2009;

16. Synthesis of 2-aryl-1,2-dihydronaphtho[1,2-f][1,4]oxazepin-3(4H)-ones. Part I (09-3707AP)

Sevim Bilgiç, Orhan Bilgiç, M. Zilem Bilgiç, Murat Gündüz and Nimet Karakoç

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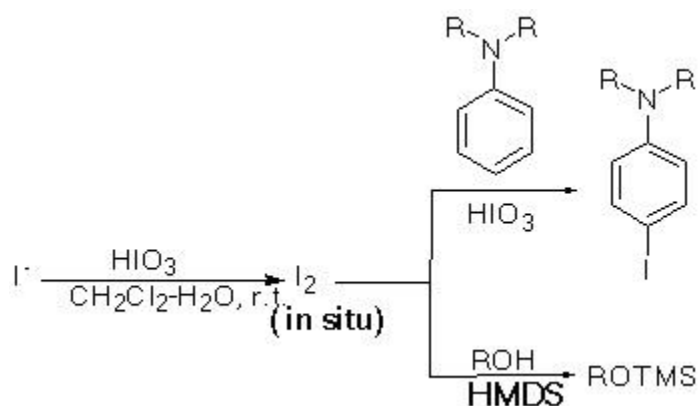
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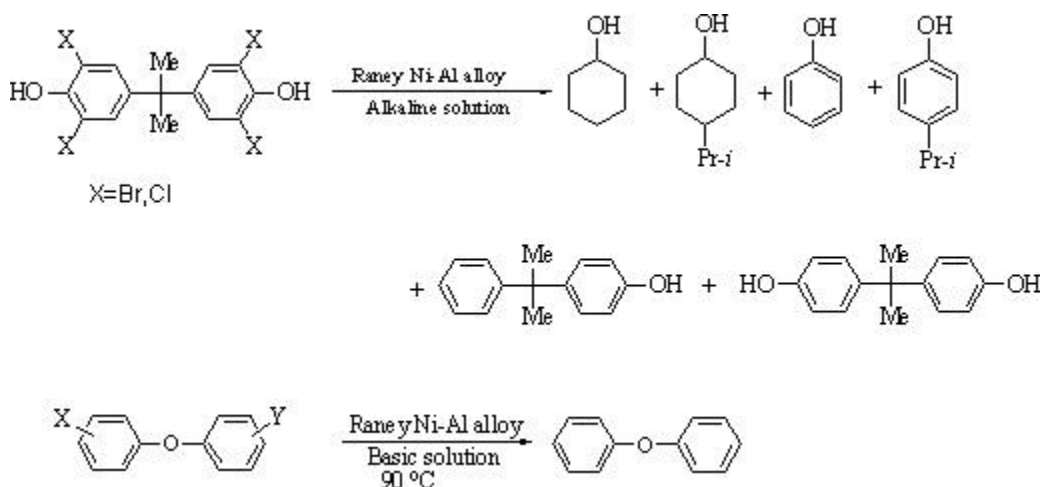
received Aug 26 2009; accepted Dec 7 2009; published Jan 18 2010;

19. A convenient method for the reductive degradation of mono-, di-, and tribromodiphenyl ethers, tetrabromo- and tetrachlorobisphenol A with Raney Ni-Al alloy (09-4580UP)

Guo-Bin Liu, Hong-Yun Zhao, Lu Dai and Thies Thiemann

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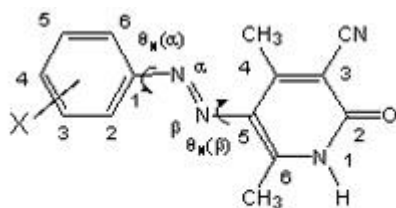
received Oct 13 2009; accepted Dec 6 2009; published Jan 18 2010;

20. Linear free energy relationships of the ^{13}C NMR chemical shifts in 5-(3- and 4-substituted arylazo)-4,6-dimethyl-3-cyano-2-pyridones (09-4237QP)

Nataša V. Valentić, Željko J. Vitnik, Dušan Ž. Mijin, Gordana S. Ušćumlić, Nina Todorović and Ivan O. Juranić

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X = 4-OCH₃, 3-OCH₃, 4-CH₃, 3-CH₃, 4-C₂H₅, 3-C₂H₅, H, 4-Cl, 3-Cl, 4-Br, 3-Br, 4-I, 4-COCH₃, 4-CN, 3-CN, 4-NO₂ and 3-NO₂

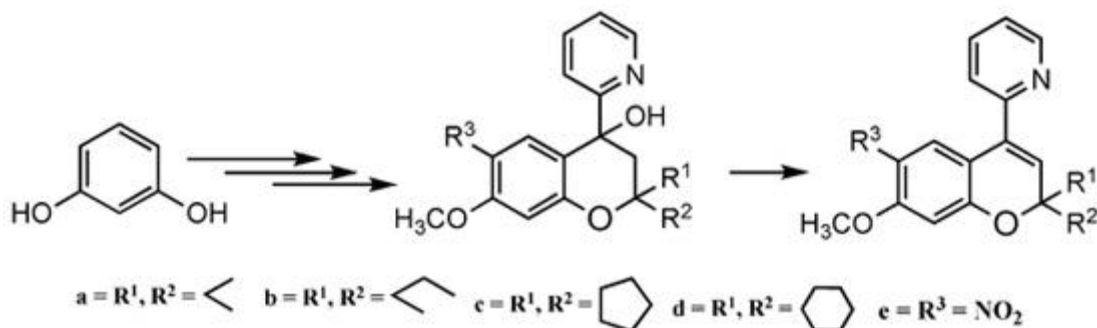
received Jul 13 2009; accepted Dec 3 2009; published Jan 18 2010;

21. Facile synthesis of various 2-substituted-4-(2-pyridyl) benzopyran analogues as target potassium channel opener (09-4309UP)

Anil Kumar Tripathi, Debaraj Mukherjee, Surrinder Koul and Subhash C. Taneja

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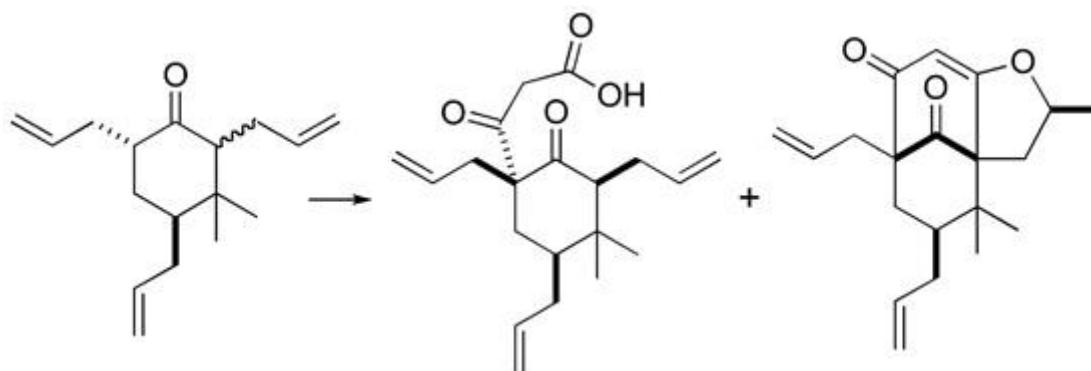
received Aug 11 2009; accepted Dec 3 2009; published Jan 18 2010;

22. A rapid access to the core skeleton of atypic tricyclic polyprenylated acylphloroglucinols (09-4415NP)

Bernard Delpéch, Blanca Tolon and Christian Marazano

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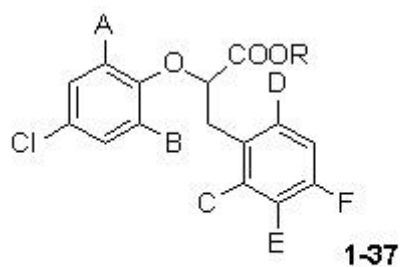
received Sep 8 2009; accepted Dec 15 2009; published Jan 18 2010;

23. Comparative analysis of enantioselective separation of novel PPAR agonists by HPLC on cellulose- and amylose-based chiral stationary phases (09-4164AP)

Luca Piemontese, Salvatore Faliti, Giuseppe Carbonara, Giuseppe Fracchiolla, Paolo Tortorella and Fulvio Loiodice

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A,B,C,D,E,F= alkyl,aryl,halogen
R= H, CH₃

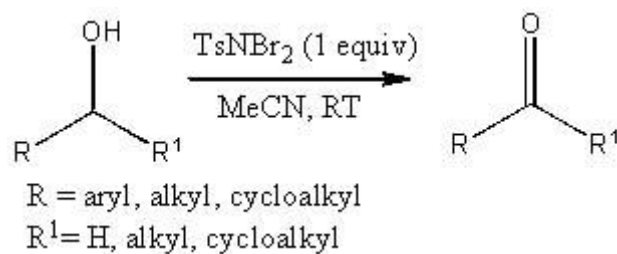
received Jun 17 2009; accepted Jan 4 2010; published Jan 22 2010;

24. A new metal-free protocol for oxidation of alcohols using TsNBr₂ without catalyst (09-4492UP)

Prodeep Phukan, Pranita Chakraborty and Indranirekha Saikia

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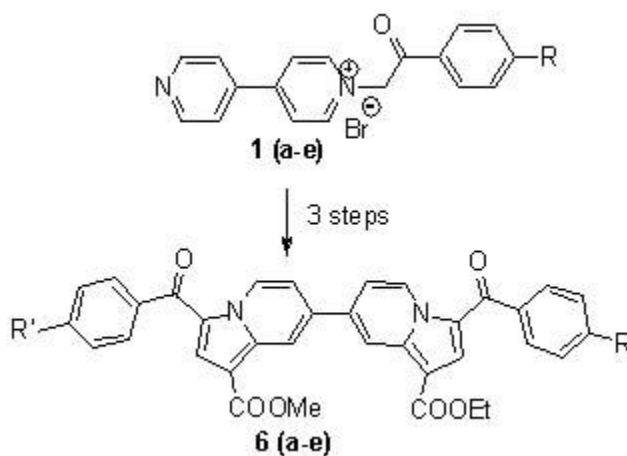
received Sep 24 2009; accepted Dec 5 2009; published Jan 24 2010;

25. Synthesis and properties of fluorescent 1,3-substituted mono and biindolizines (09-4716UP)

Ramona Danac, Alexandru Rotaru, Ioan Druta and Ecaterina Avram

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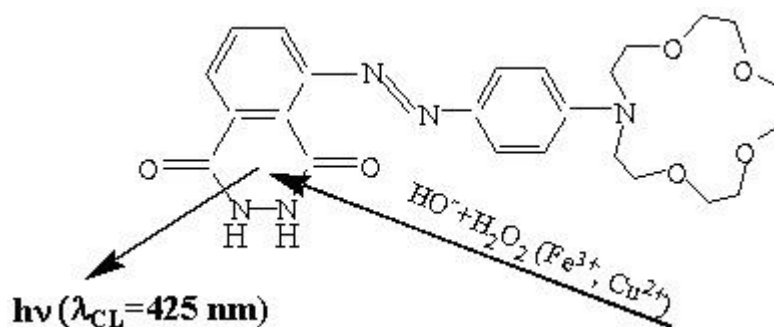
received Nov 11 2009; accepted Dec 20 2009; published Feb 11 2010;

26. Chemiluminescence of 5-(azo-*para*-phenylene-*N*-aza-15-crown-5)-phthalhydrazide (09-4544DP)

Rodica D. Baratoiu, Lucia Mutihac, Marilena Vasilescu, Mariana Voicescu, Alina Latus, Gabriela Ionita, Adrian Beteringhe, Titus Constantinescu and Alexandru T. Balaban

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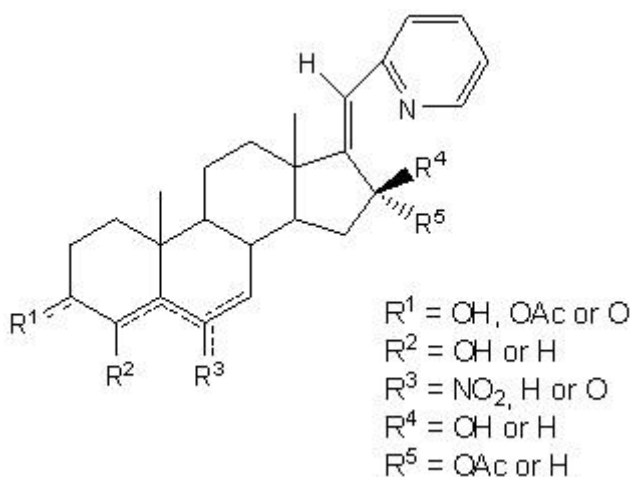
received Oct 5 2009; accepted Dec 7 2009; published Jan 26 2010;

27. 17-Picolinylidene-androst-5-ene derivatives and their antiaromatase and cytotoxic activity (09-4519NP)

Jovana J. Ajduković, Evgenija A. Djurendić, Marija N. Sakač, JanoÂš J. Čanadi, Vesna V. Kojić, Gordana M. Bogdanović and Katarina M. Penov GaÂši

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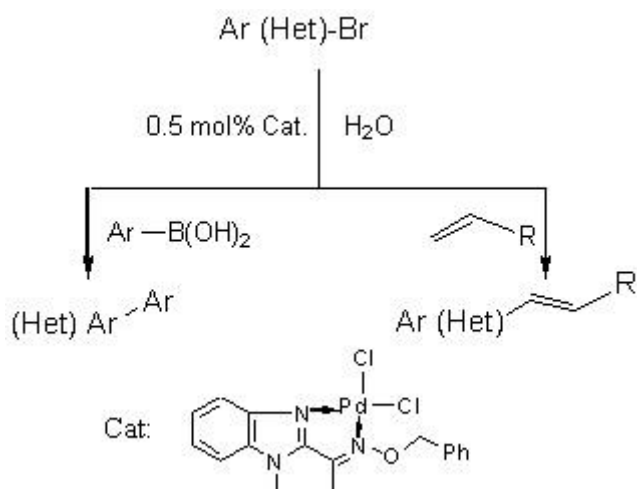
received Sep 30 2009; accepted Jan 20 2010; published Feb 1 2010;

28. Heck and Suzuki cross-couplings of aryl and heteroaryl bromides in water using a new palladium(II)-complex (09-4741VP)

Kamal M. Dawood, Mohamed S. Fayed and Mohamed M. Elkhalea

Full Text: [PDF \(346K\)](#)

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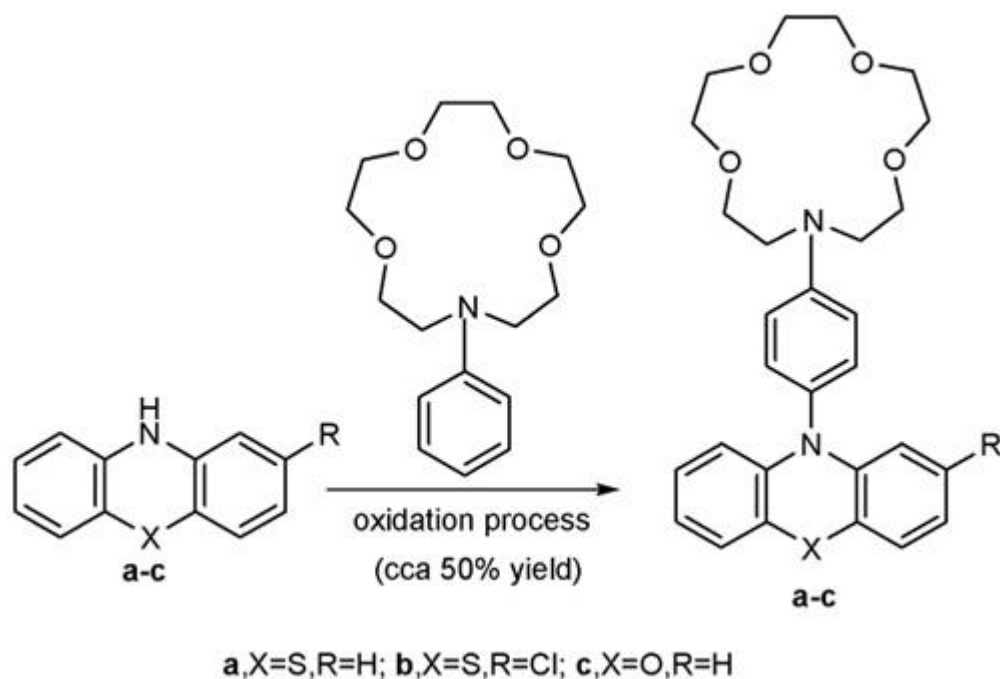
received Nov 15 2009; accepted Dec 25 2009; published Feb 1 2010;

29. Wurster aza-crown ethers with *N*-para-phenylene-phenothiazine or -phenoxazine groups (09-4587QP)

Alexandru T. Balaban, Ana Cristina Radutiu, Ion Baci, Miron T. Caproiu, Constantin Draghici, Adrian Beteringhe, Gabriela Ionita, Petre Ionita, Tanta Spataru, Nicolae Spataru, Rodica D. Baratoiu and Titus Constantinescu

Full Text: [PDF \(444K\)](#)

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received Oct 14 2009; accepted Jan 4 2010; published Feb 1 2010;

30. Synthesis and *in vitro* antimicrobial evaluation of 4*H*-pyrazolopyran, -benzopyran and naphthopyran derivatives of 1*H*-pyrazole (09-4704EP)

Nilesh J. Thumar and Manish P. Patel

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received Nov 10 2009; accepted Jan 17 2010; published Feb 10 2010;