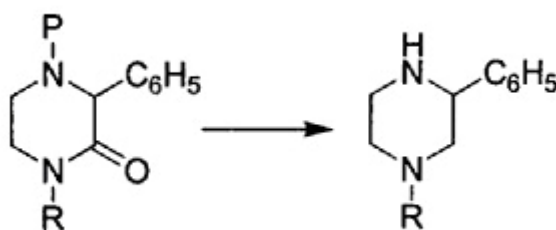


1. New intermediates for the selective synthesis of 1-methyl-3-phenylpiperazine and some phenylpiperazine derivatives (06-2008DP)

Divvella V. N. Srinivasa Rao, Ramesh Dandala, Vijay Kumar Handa, Meenakshisunderam Sivakumaran and Andra Naidu

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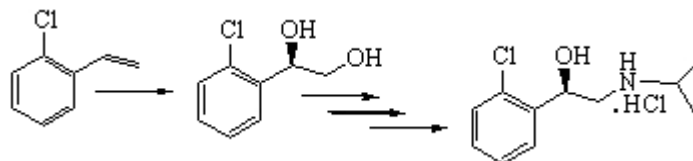
received Jul 17 2006; accepted Aug 29 2006; published Sep 5 2006;

2. An asymmetric dihydroxylation route towards the synthesis of (*R*)-clorprenaline hydrochloride (06-2041EP)

Rajesh Kumar Pandey, Rajesh Kumar Upadhyay and Pradeep Kumar

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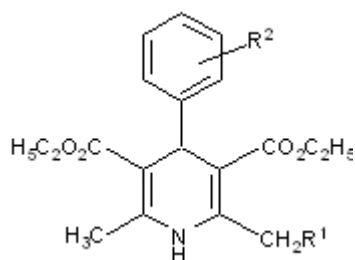
received Jul 31 2006; accepted Sep 7 2006; published Sep 11 2006;

3. Synthesis of novel unsymmetrically substituted 1,4-dihydropyridines and separation of the enantiomers of racemic 1,4-dihydropyridine containing isothioureido group (06-2015AP)

Moshtaghi Z. A., Raisossadat O. M. and Sadeghi Sh. Q.

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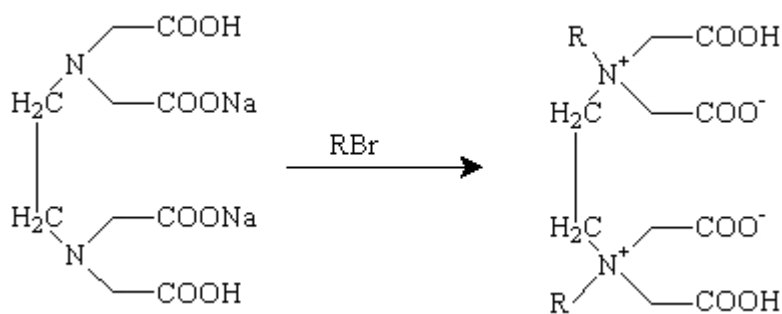
received Jul 19 2006; accepted Sep 1 2006; published Sep 12 2006;

4. A novel class of zwitterionic gemini surfactants (06-2064EP)

Biswa B Nayak, Sabita Patel, Pradipta K Behera and Bijay K Mishra

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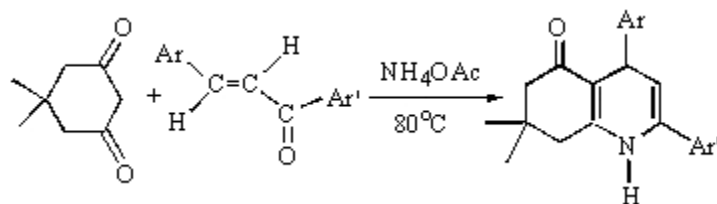
received Aug 5 2006; accepted Sep 11 2006; published Sep 22 2006;

5. Solid state synthesis of 5-oxo-1,4,5,6,7,8-hexahydroquinoline derivatives without using solvent and catalyst (06-2061DP)

Tong-Shou Jin, Ying Yin, Li-Bin Liu and Tong-Shuang Li

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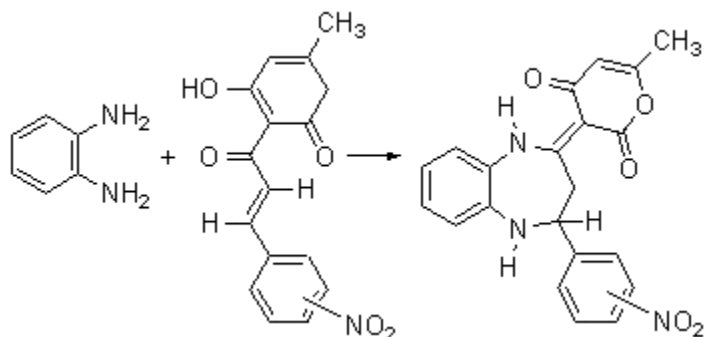
received Aug 5 2006; accepted Sep 20 2006; published Sep 25 2006;

6. The reaction of *o*-phenylenediamine with α,β -unsaturated carbonyl compounds (06-2001GP)

Rosa M. Claramunt, Dionisia Sanz, Shilpy Aggarwal, Ajay Kumar, Om Prakash, Shiv P. Singh and JosÃ© Elguero

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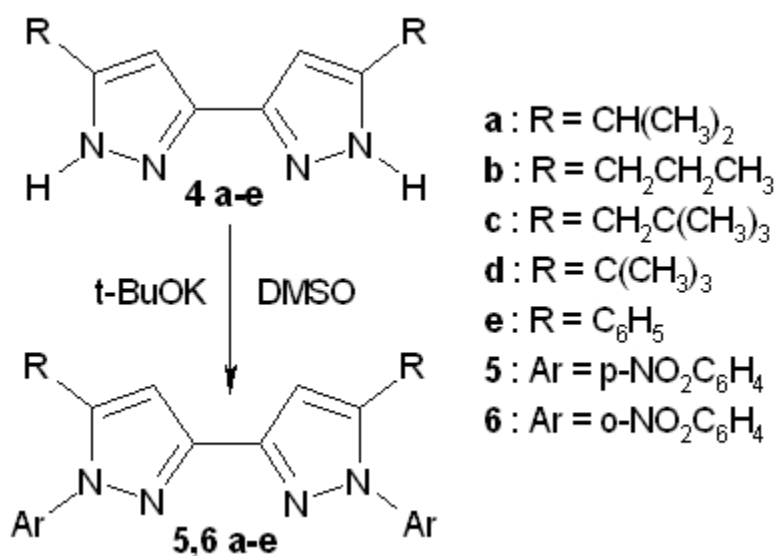
received Jul 11 2006; accepted Sep 22 2006; published Oct 2 2006;

7. Synthesis of new 1,1'-di(4-nitro or 2-nitrophenyl)-5,5'-disubstituted-3,3'-bipyrazoles under microwave irradiation and classical heating conditions (06-2079AP)

Ibrahim Bouabdallah, Rachid Touzani, Ismail Zidane, Abdelkrim Ramdani and Smaail Radi

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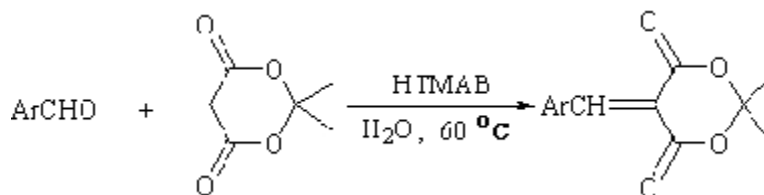
received Aug 11 2006; accepted Sep 21 2006; published Oct 11 2006;

8. A quick and clean procedure for synthesis of 5-arylmethylene-2,2-dimethyl-1,3-dioxane-4,6-diones in aqueous media (06-2067HP)

Tong-Shou Jin, Rui-Qiao Zhao, Meng Li, Ying Zhao and Tong-Shuang Li

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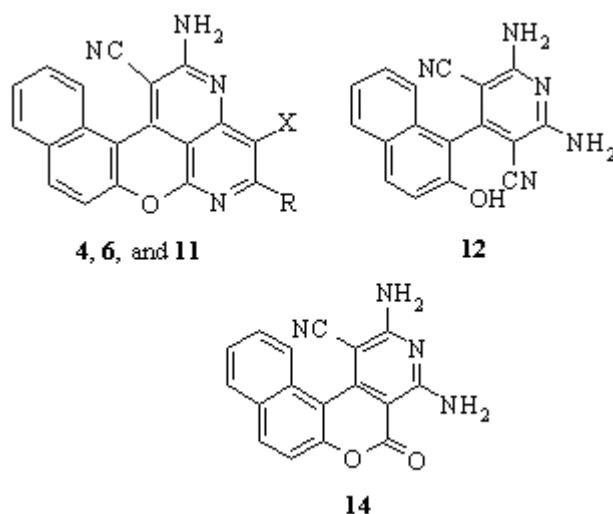
received Aug 7 2006; accepted Oct 1 2006; published Oct 20 2006;

9. Synthesis of polyfunctionally substituted benzo[5,6]chromeno[4,3,2-de][1,6]naphthyridines and 5H-benzo[5,6]chromeno[3,4-c]pyridines (06-2030GP)

Raafat M. Shaker

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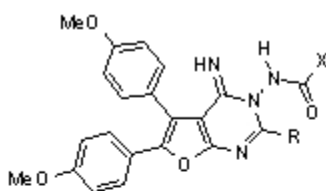
received Jul 24 2006; accepted Oct 13 2006; published Oct 21 2006;

10. Synthesis of new furo[2,3-d]pyrimidines and furo[3,2-e][1,2,4]triazolo[1,5-c]pyrimidines (06-2000KP)

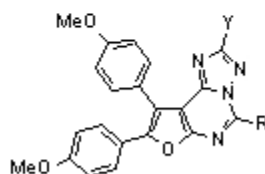
Raafat M. Shaker

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X = NH₂ or 4-OH-C₆H₅



Y = NH₂ or 4-R-C₆H₅ (R = OH or NH₂)

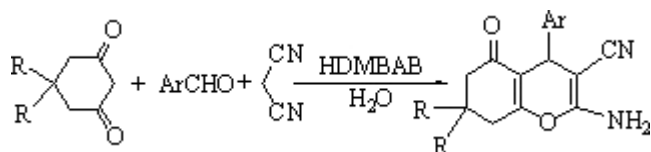
received Jul 12 2006; accepted Oct 13 2006; published Oct 27 2006;

11. Hexadecyldimethyl benzyl ammonium bromide: an efficient catalyst for a clean one-pot synthesis of tetrahydrobenzopyran derivatives in water (06-2059BP)

Tong-Shou Jin, Ai-Qing Wang, Feng Shi, Li-Sha Han, Li-Bin Liu and Tong-Shuang Li

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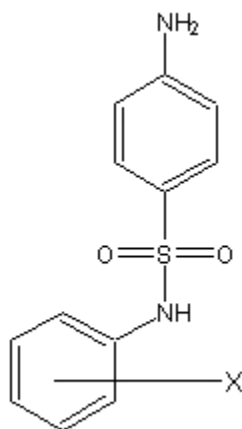
received Aug 3 2006; accepted Oct 17 2006; published Oct 28 2006;

12. QSAR study on inhibition of *E. Coli* by sulfonamides (06-2056AP)

Abhilash Thakur, Mamta Thakur and Padmakar V. Khadikar

Full Text: [PDF \(292K\)](#)

pp. 87 - 102



received Jul 28 2006; accepted Nov 2 2006; published Nov 27 2006;

13. QSAR study on murine recombinant isozyme mCAXIII: topological vs structural descriptors (06-2032AP)

Jyoti Singh, Shalini Singh, S. Thakur, c Meenakshi Lakhwani, Padmakar V. Khadikar, Vijay K. Agrawal and Claudiu T. Supuran

Full Text: [PDF \(256K\)](#)

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The paper describes a first and novel QSAR study on murine recombinant isozyme mCAXIII. A comparative study on modeling of inhibition of this isozyme is made using a series of topological, structural descriptors as well as their combinations. The results have shown that distance-based topological indices yield significantly better models than the structural descriptors and the combination of topological and structural descriptors. In all the three cases the Balaban type indices played a dominating role.

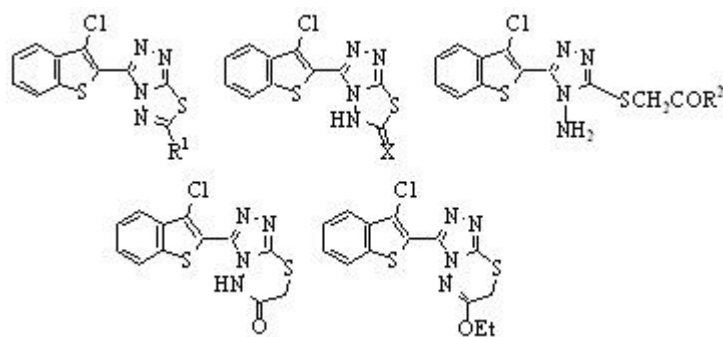
received Jul 25 2006; accepted Nov 21 2006; published Nov 29 2006;

14. Synthesis of 4-amino-5-(3-chlorobenzo[*b*]thien-2-yl)-3-mercapto-1,2,4-triazolo[3,4-*b*][1,3,4]thiadiazoles and triazolo[3,4,*b*][1,3,4]thiadiazines under classical and microwave conditions (06-2017CP)

E. S. H. El Ashry, A. A. Kassem, H. Abdel-Hamid, F. F. Louis, Sh. A. N. Khattab and M. R. Aouad

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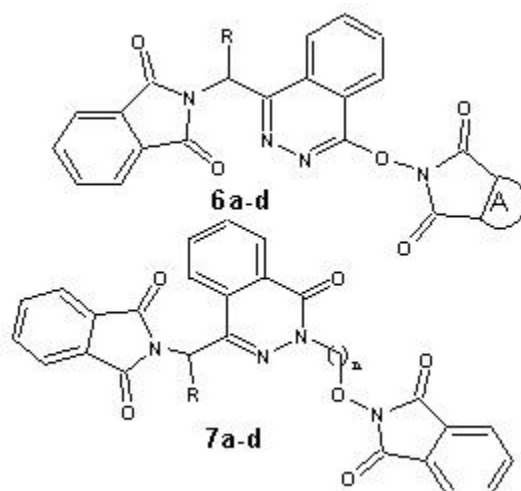
received Jul 19 2006; accepted Dec 5 2006; published Jan 3 2007;

15. Synthesis and antimicrobial activity of some 2-[1-(4-oxo-3,4-dihydrophthalazine-1-yl)alkyl]-1*H*-isoindole-1,3(2*H*)-dione and their imidoxo derivatives (06-2099NP)

Vijay K. Salvi, Dinesh Bhambi, Jawahar L. Jat and Ganpat L. Talesara

Full Text: [PDF \(213K\)](#)

pp. 133 - 140



received Aug 23 2006; accepted Dec 19 2006; published Jan 29 2007;

16. Microwave assisted synthesis and antimicrobial screening of fused triazoles (06-2166BP)

Mahendra Shiradkar, Unnat Pandit, Kalyan Chakravarthy Akula, Abhay Maheta and Gorentla Venkata Suresh Kumar

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pp. 141 - 154

Current paper discuss about an approach wherein MORE synthesis is been utilized for fused triazoles. The title compounds were exhibite better antimicrobial and antitubercular activities

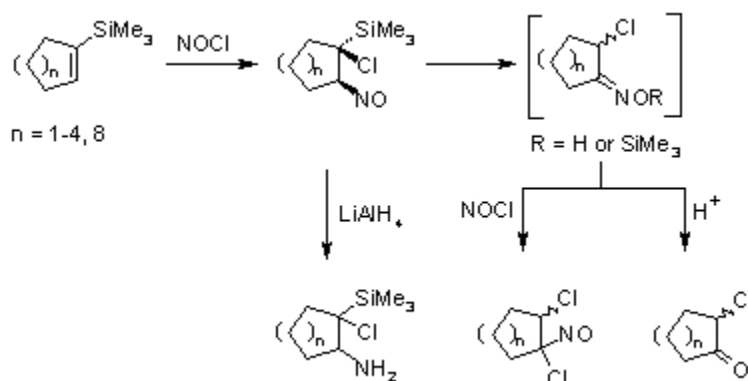
received Sep 22 2006; accepted Jan 23 2007; published Jan 29 2007;

17. Nitrosyl chloride addition to cycloalkenyltrimethylsilanes. An unexpected reversal of regiochemistry of addition, and synthesis of β -aminosilanes (06-2075MP)

M. Narendra Mallya and Gopalpur Nagendrappa

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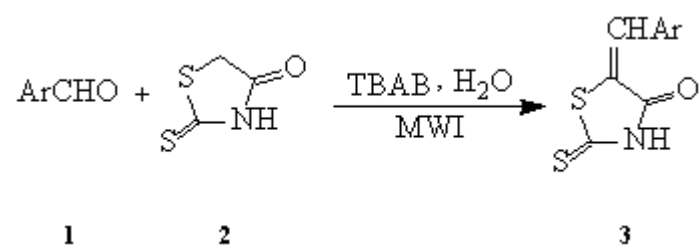
received Aug 9 2006; accepted Jan 30 2007; published Feb 6 2007;

18. Synthesis of 5-arylalkylidenerhodanines catalyzed by tetrabutylammonium bromine in water under microwave irradiation (06-2132BP)

Jian-Feng Zhou, Feng-Xia Zhu, Yuan-Zhi Song and Yu-Lan Zhu

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received Sep 1 2006; accepted Feb 7 2007; published Feb 16 2007;