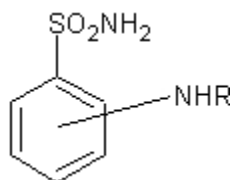


1. A QSAR study on carbonic anhydrase inhibition: predicting logKi(hCAI) by using (SO₂NH₂) NMR chemical shift as a molecular descriptor (06-2189DP)

Shalini Singh, Jyoti Singh, Maya Ingle, Rajika Mishra and Padmakar V. Khadikar

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pp. 1 - 15



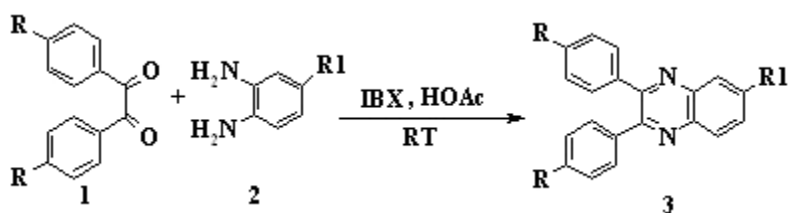
received Sep 30 2006; accepted Nov 2 2006; published Nov 20 2006;

2. Facile synthesis of quinoxaline derivatives using o-iodoxybenzoic acid (IBX) at room temperature (06-2190LP)

Majid M. Heravi, Khadijeh Bakhtiari, Maryam H. Tehrani, Negar M. Javadi and Hossien A. Oskooie

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pp. 16 - 22



received Oct 1 2006; accepted Nov 18 2006; published Nov 24 2006;

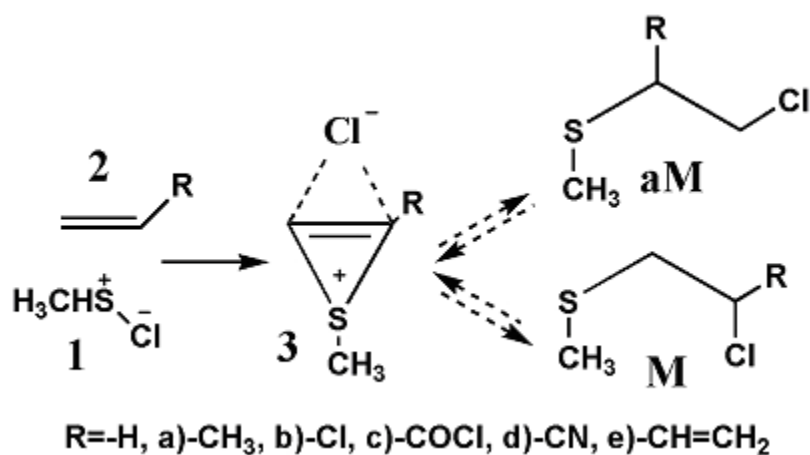
3. Quantum chemical study of the thiiranium ion intermediates and regioselectivity features of the halogenide addition (06-2175EP)

Ausra Vektariene and Gytis Vektaris

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Supplementary Material: [PDF \(759K\)](#)

pp. 23 - 34



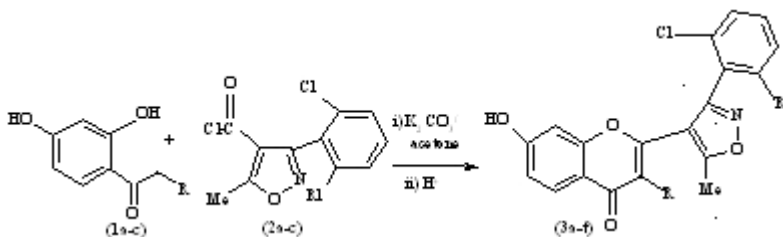
received Sep 26 2006; accepted Nov 14 2006; published Nov 24 2006;

4. Synthesis of new 2-[3-aryl-5-methyl-4-isooxazolyl]-7-hydroxy-3-phenyl-4H-1-benzopyran-4-ones and their insect-antifeedant activity (06-2193GP)

Anil Kumar Soni, G. L. David Krupadanam and G. Srimannarayana

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pp. 35 - 42



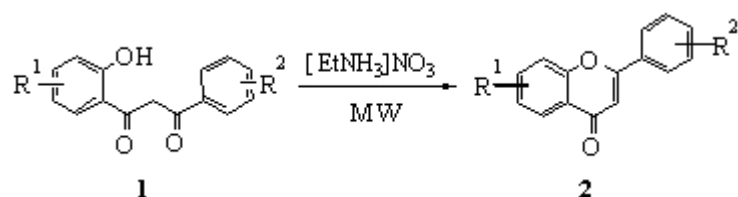
received Oct 4 2006; accepted Nov 20 2006; published Nov 27 2006;

5. A facile synthesis of flavones using recyclable ionic liquid under microwave irradiation (06-2210HP)

Swapnil R. Sarda, Mohsin Y. Pathan, Vijaykumar V. Paike, Pandurang R. Pachmase, Wamanrao N. Jadhav and Rajendra P. Pawar

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pp. 43 - 48



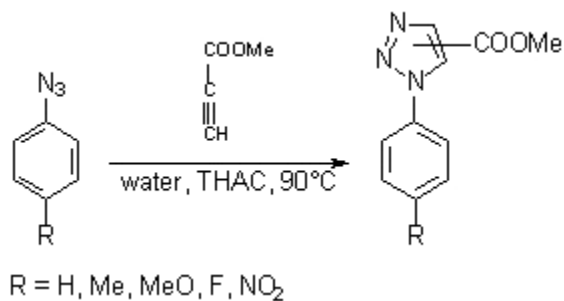
received Oct 15 2006; accepted Nov 21 2006; published Nov 29 2006;

6. Regioselectivity of aryl azide cycloaddition to methyl propiolate in aqueous media: experimental evidence versus local DFT HSAB principle (06-2225HP)

Giorgio Molteni and Alessandro Ponti

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pp. 49 - 56



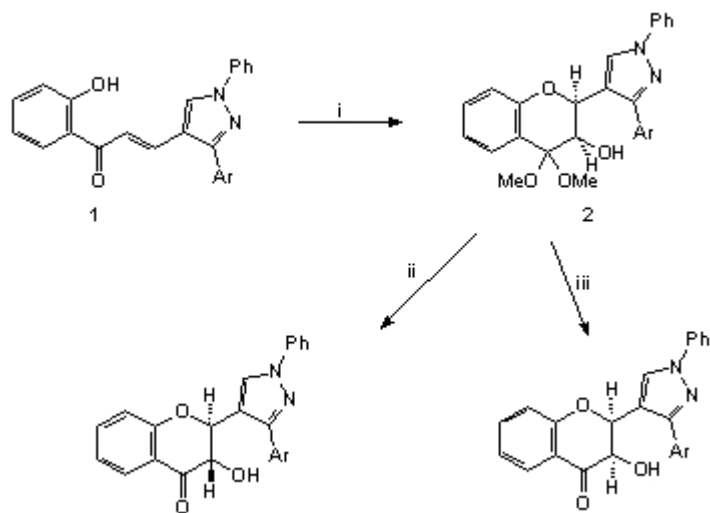
received Oct 25 2006; accepted Nov 27 2006; published Dec 2 2006;

7. Synthesis of new *cis*- and *trans*-3-hydroxy-2-(1-phenyl-3-aryl-4-pyrazolyl) chromanones using a hypervalent iodine oxidation approach (06-2254EP)

Om Prakash and Rajesh Kumar

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pp. 57 - 64



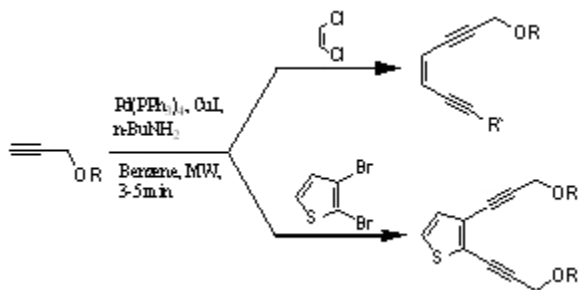
received Nov 10 2006; accepted Dec 8 2006; published Dec 17 2006;

8. Microwave assisted synthesis of symmetrically and asymmetrically substituted acyclic enediynes (06-2252CP)

Mukesh Chandra Joshi, Penny Joshi and Diwan S. Rawat

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pp. 65 - 74



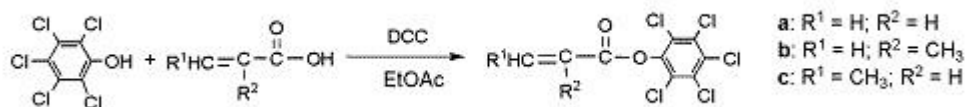
received Nov 4 2006; accepted Dec 18 2006; published Jan 8 2007;

9. Synthesis and copolymerization of pentachlorophenyl acrylate monomers (06-2232DP)

Qin Wang, Guan-Quan Wang, Yong-Hen Fan, Lin Zhang and Xiao-Qi Yu

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pp. 75 - 82



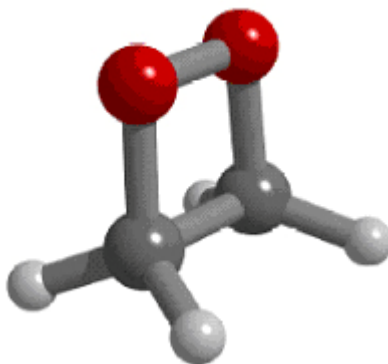
received Oct 28 2006; accepted Dec 18 2006; published Jan 8 2007;

10. Mild and ecofriendly tandem synthesis of 1,2,4-triazolo[4,3-a]pyrimidines in aqueous medium (06-2251BP)

Anshu Dandia, Pritima Sarawgi, Kapil Arya and Sarita Khaturia

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pp. 83 - 92



received Nov 9 2006; accepted Jan 10 2007; published Jan 18 2007;

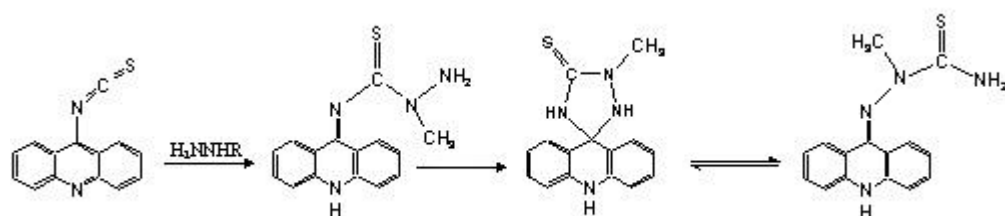
11. Structural revision of products resulting from the reaction of methylhydrazine with acridin-9-yl isothiocyanate due to unexpected acridinyl migration and further reactions (06-2228BP)

Karel D. Klika, Eva Balentová, Juraj Bernáť, Ján Imrich, Martina Vavrušová, Kalevi Pihlaja, Andreas Koch, Erich Kleinpeter, Alexandra Kelling and Uwe Schilde

Full Text: [PDF \(529K\)](#)

Supplementary Material: [PDF \(157K\)](#)

pp. 93 - 108



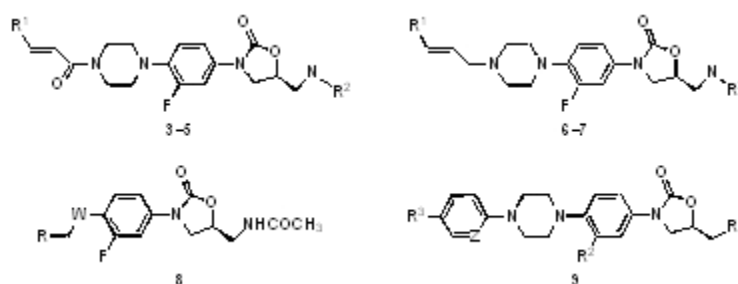
received Oct 26 2006; accepted Jan 23 2007; published Jan 27 2007;

12. 3D QSAR analysis of oxazolidinone antibacterials: can we predict? (06-2267FP)

Neha Gandhi

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pp. 109 - 121



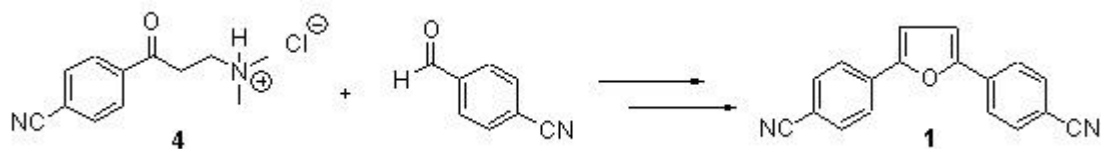
received Nov 16 2006; accepted Jan 18 2007; published Jan 27 2007;

13. A new synthesis of 2,5-bis(4-cyanophenyl)furan (06-2229MP)

Nisaraporn Suthiwangcharoen and Chad E. Stephens

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pp. 122 - 127



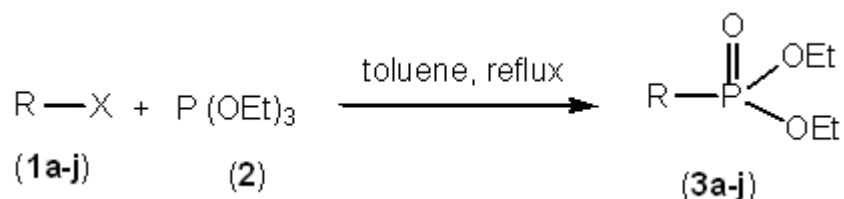
received Sep 7 2006; accepted Jan 26 2007; published Jan 30 2007;

14. Synthesis and antibacterial activity of new aryl / alkyl phosphonates via Michaelis-Arbuzov rearrangement (06-2234MP)

Gandavaram Syam Prasad, Manubolu Manjunath, Kachi Reddy Kishore Kumar Reddy, Obulam Vijaya Sarathi Reddy and Cirandur Suresh Reddy

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pp. 128 - 135



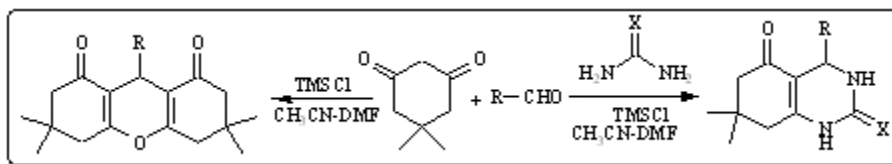
received Oct 28 2006; accepted Jan 29 2007; published Feb 16 2007;

15. TMSCl mediated highly efficient one-pot synthesis of octahydroquinazolinone and 1,8-dioxo-octahydroxanthene derivatives (06-2265DP)

Srinivas Kantevari, Rajashaker Bantu and Lingaiah Nagarapu

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pp. 136 - 148



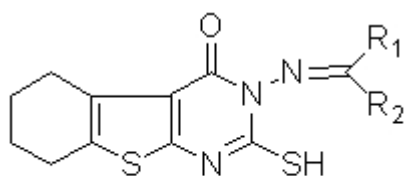
received Nov 14 2006; accepted Feb 4 2007; published Feb 22 2007;

16. Synthesis of some novel 2-mercapto-3-(substituted amino)-5,6,7,8-tetrahydro-3H-benzo[4,5]thieno[2,3-d]pyrimidin-4-ones as analgesic and anti-inflammatory agents (06-2255DP)

Veerachamy Alagarsamy, Durairaj Shankar and Viswas Raja Solomon

Full Text: [PDF \(243K\)](#)

pp. 149 - 159



AS1-AS10

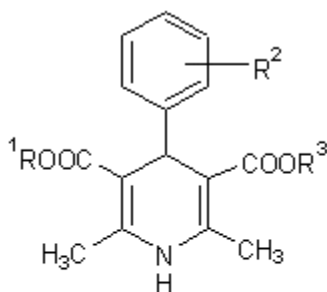
received Nov 13 2006; accepted Feb 4 2007; published Feb 22 2007;

17. Microwave-assisted synthesis of some novel 1,4-dihydropyrimidine derivatives of biological interest (06-2260KP)

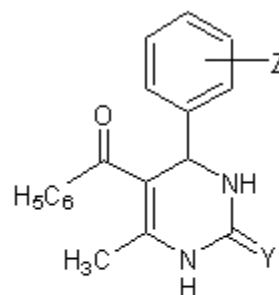
Priyanka Pathak, Ramandeep Kaur and Balbir Kaur

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pp. 160 - 167



1



2

$Y = O, S$

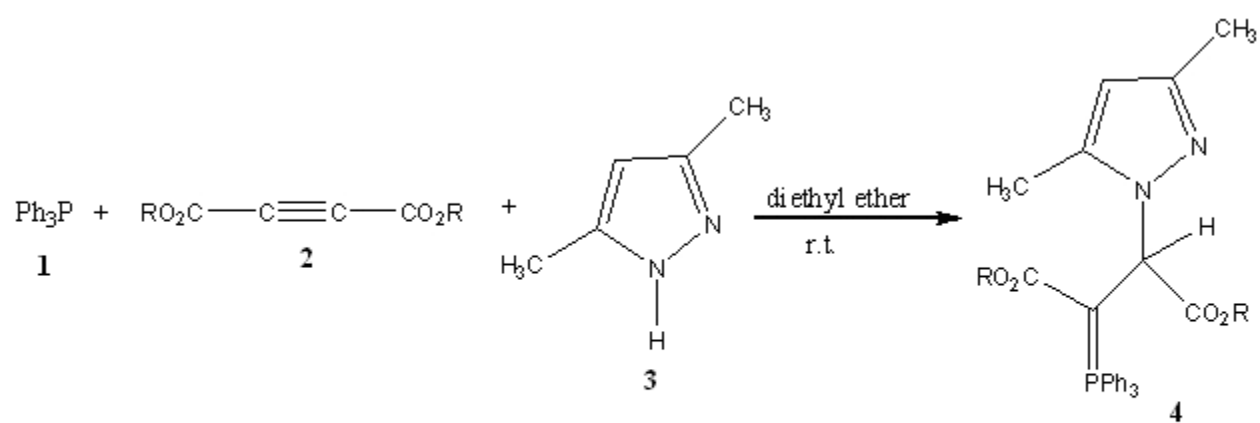
received Nov 14 2006; accepted Mar 6 2007; published Mar 21 2007;

18. Synthesis of stable phosphorus ylides from 3, 5-dimethylpyrazole and kinetic investigation of the reactions by UV spectrophotometry (06-2220BP)

Sayyed Mostafa Habibi Khorassani, Malek Taher Maghsoodlou, Mahmoud Nassiri, Mohammad Zakarianezhad and Mahbobeh Fattahi

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pp. 168 - 184



2,4	a	b
R	Et	Bu ^t
% Yield	92	95

received Oct 18 2006; accepted Apr 13 2007; published May 7 2007;