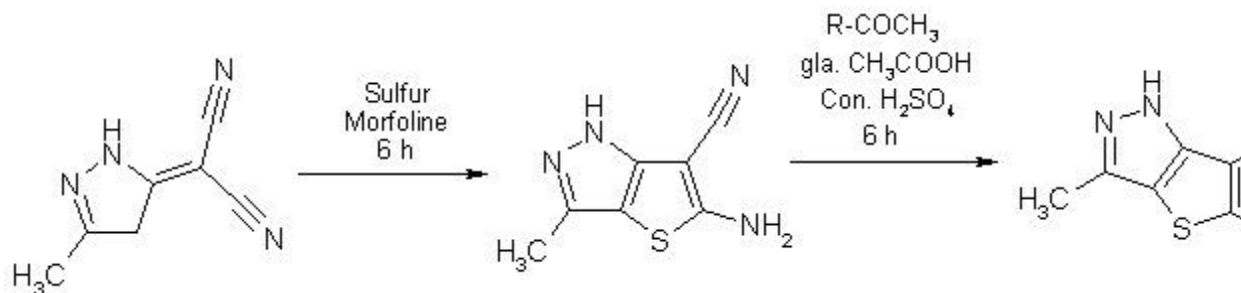


1. Synthesis and biological screening of some novel pyrazolo[3,4-b:4',5'-d]thieno[2,3-d]pyrimidin-8-ones via Gewald reaction (08-3002JP)

Shailesh J. Vaghasiya, Dipti K. Dodiya, Amit R. Trivedi, Janak J. Surani and Viresh H. Shah

Full Text: [PDF \(183K\)](#)

pp. 1 - 8



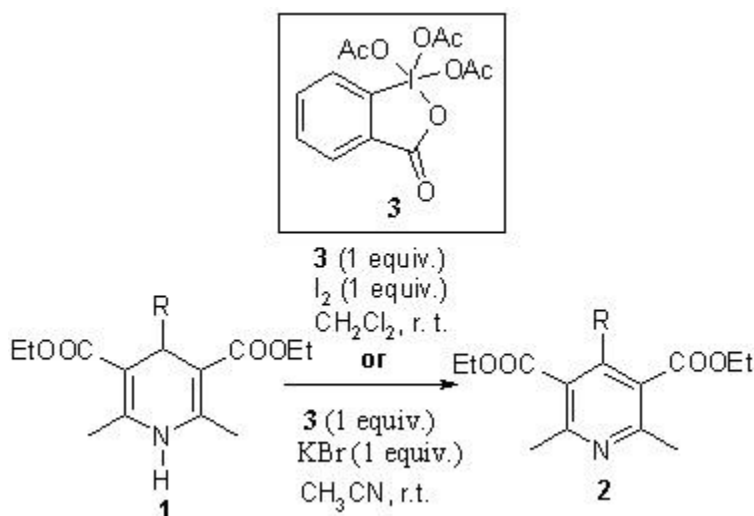
received Jan 17 2008; accepted Feb 28 2008; published Mar 2 2008;

2. An efficient combination of Dess-Martin periodinane with molecular iodine and KBr for the facile oxidative aromatization of Hantzsch 1,4-dihydropyridines (08-2947OP)

Nandkishor N. Karade, Sumeet V. Gampawar, Jeevan M. Kondre and Sandeep V. Shinde

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pp. 9 - 16



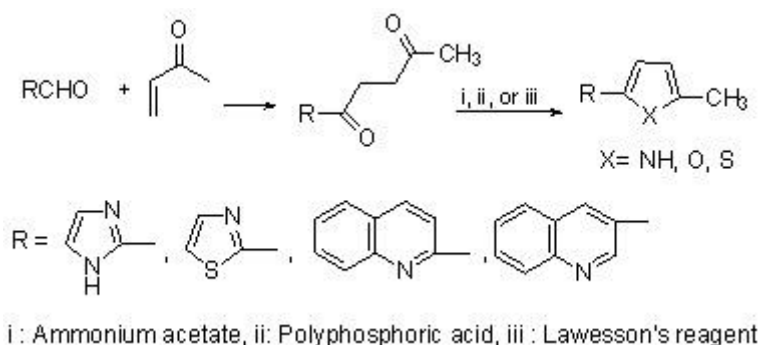
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3. Synthesis and characterization of novel substituted pyrrole, thiophene and furans (08-2910OP)

Nevin Kaniskan, Dilek Elmali and Pervin Unal Civcir

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pp. 17 - 29



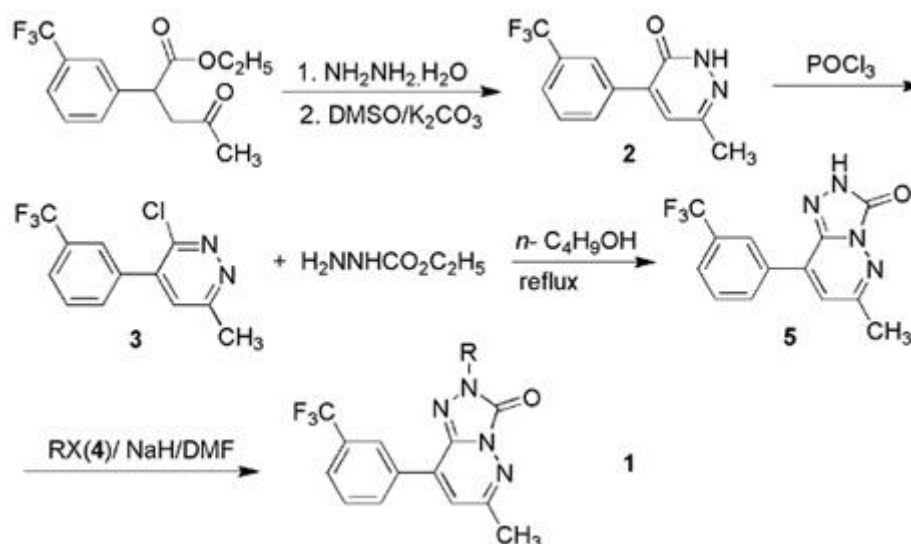
received Nov 25 2007; accepted Feb 28 2008; published Mar 15 2008;

4. Design, synthesis and QSAR study of novel 8-(3-(trifluoromethyl) phenyl)-6-methyl-[1,2,4]triazolo[4,3-*b*]pyridazin-3(2*H*)-ones (08-2956NP)

You-quan Zhu, Xu-hong Hu, Han Xu, Yong Wang, Xiao-mao Zou and Hua-zheng Yang

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pp. 30 - 41



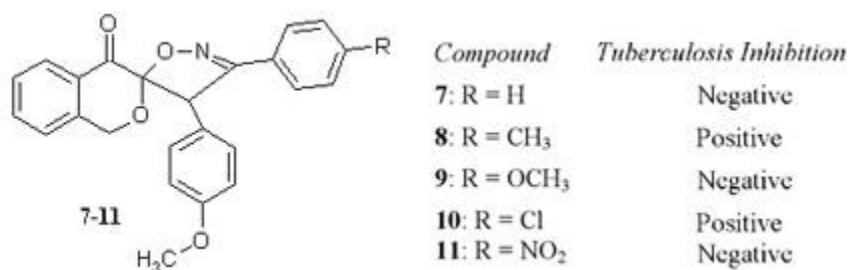
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5. Drug design of new antitubercular agents: 1,3-dipolar cycloaddition reaction of aryl nitriloxides and 3-para-methoxy-benzylidene-isochroman-4-ones (08-2790AP)

Ghali Al Houari, Abdelali Kerbal, Brahim Bennani, Mohamed F. Baba, Maria Daoudi and Taibi Ben Hadda

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pp. 42 - 50



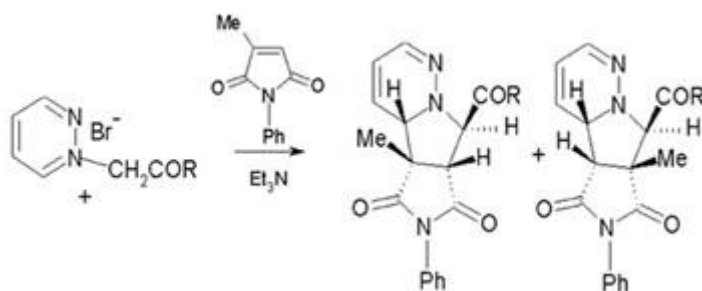
received Sep 29 2007; accepted Feb 28 2008; published Mar 28 2008;

6. Endo and regioselectivity in 1,3-dipolar cycloaddition of pyridazinium N-ylides with a non-symmetrical cyclic olefin (08-2975BP)

Florea Dumitrașcu, Mino R. Caira, Constantin Drăghici, Miron Teodor Caproiu, Barbu Miu and Loredana Barbu

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pp. 51 - 59



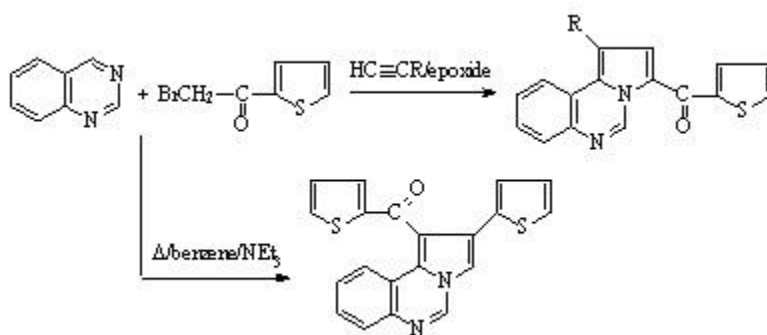
received Jan 7 2008; accepted Feb 26 2008; published Mar 28 2008;

7. New thenoyl-substituted pyrrolo[1,2-c]quinazoline derivatives (08-3010EP)

Emilian Georgescu, Florentina Georgescu, Constantin Roibu, Paula C. Iuhas, Constantin Draghici and Petru Filip

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pp. 60 - 67



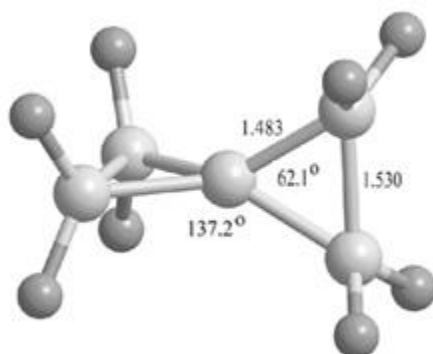
received Jan 24 2008; accepted Feb 28 2008; published Mar 28 2008;

8. Small spiroalkanes: ring strain effects and carbon-carbon spin-spin coupling constants (08-3016UP)

Natalia V. Istomina and Leonid B. Krivdin

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pp. 68 - 73



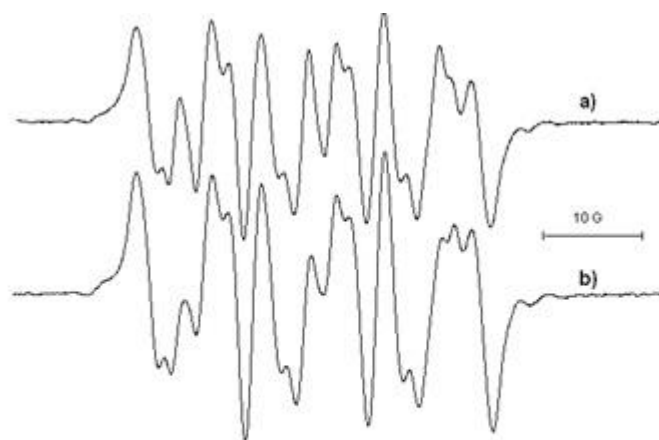
received Jan 26 2008; accepted Feb 28 2008; published Mar 28 2008;

9. Electron paramagnetic resonance investigation of the free radicals in the gas and particulate phases of cigarette smoke using spin-trapping techniques (08-2886HP)

Mariana Ghosh, Petre Ionita, John McAughey and Fiona Cunningham

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pp. 74 - 84



EPR spectra recorded from cigarette smoke with DMPO as spin-trap, after 2 puffs (a), and after 10 puffs (b).

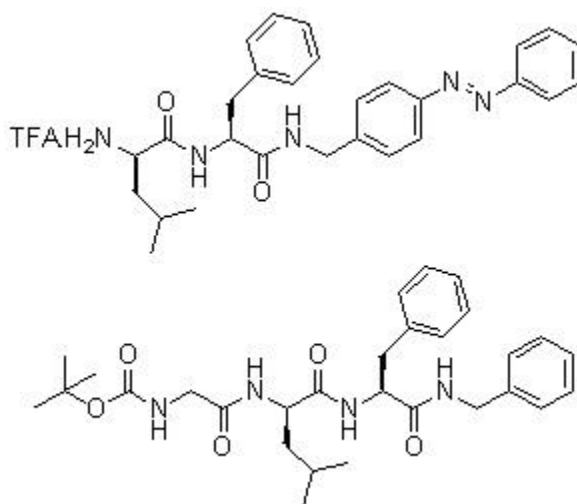
received Nov 12 2007; accepted Feb 25 2008; published Mar 29 2008;

10. D-Leu-L-Phe-containing dipeptide inhibitors of α -chymotrypsin – the role of the N- and C-termini in enzyme affinity (08-3020OP)

David Pearson and Andrew D. Abell

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pp. 85 - 94



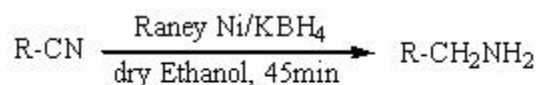
received Jan 27 2008; accepted Mar 27 2008; published Apr 4 2008;

11. Raney Ni/KBH₄: An efficient and mild system for the reduction of nitriles to amines (08-2903EP)

Bo Wu, Ji Zhang, Meng Yang, Yang Yue, Li-Jian Ma and Xiao-Qi Yu

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pp. 95 - 102



R= aliphatic or aromatic substituents

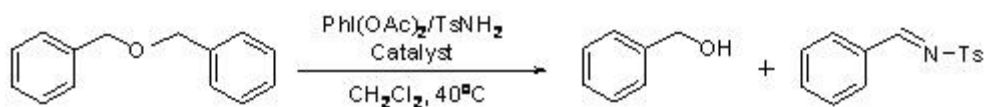
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12. Copper-catalyzed cleavage of benzyl ethers with (diacetoxyiodo)- benzene and p-toluenesulfonamide (08-2944LP)

Ling He, Qin Wang, Guo-Chuan Zhou, Lei Guo and Xiao-Qi Yu

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pp. 103 - 108



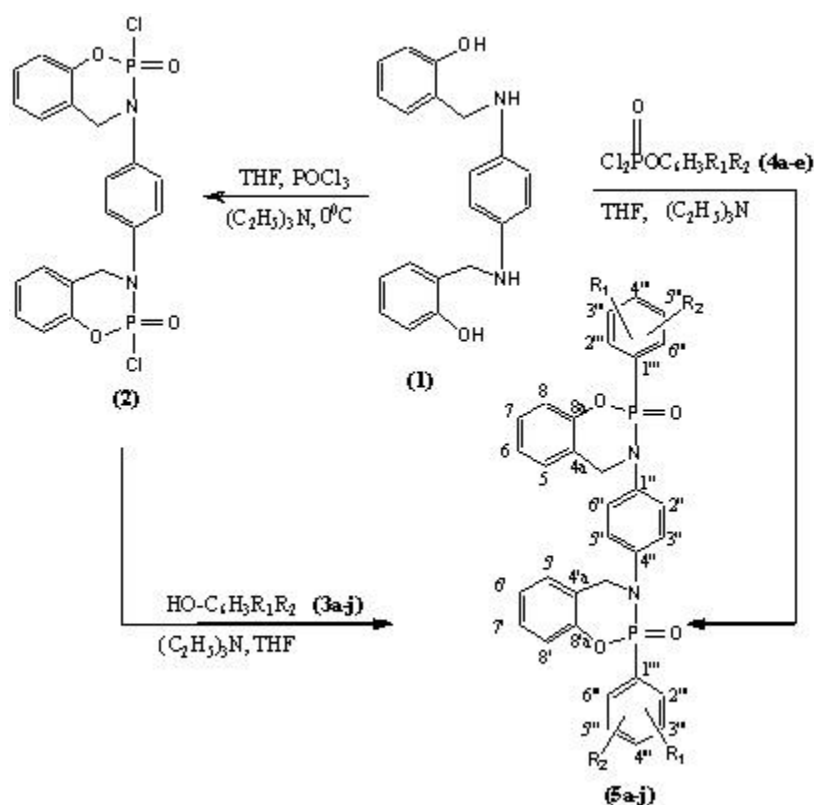
received Dec 18 2007; accepted Feb 29 2008; published Apr 4 2008;

13. Synthesis and antimicrobial activity of some oxazaphosphinine oxides (08-2772FP)

B. Siva Kumar, A. U. Ravi Sankar, G. Chandra Sekhar Reddy, M. V. Narayan Reddy, C. Devendranath Reddy and C. Suresh Reddy

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pp. 109 - 116



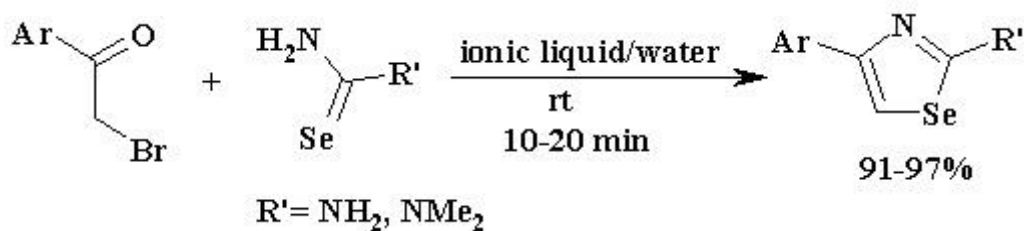
received Sep 14 2007; accepted Feb 29 2008; published Apr 5 2008;

14. Efficient and eco-friendly synthesis of 2-amino-1,3-selenazoles in ionic liquid/water system at ambient conditions (08-2957EP)

Tatarao M. Potewar, Sachin A. Ingale and Kumar V. Srinivasan

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pp. 117 - 125



received Dec 26 2007; accepted Feb 29 2008; published Apr 5 2008;

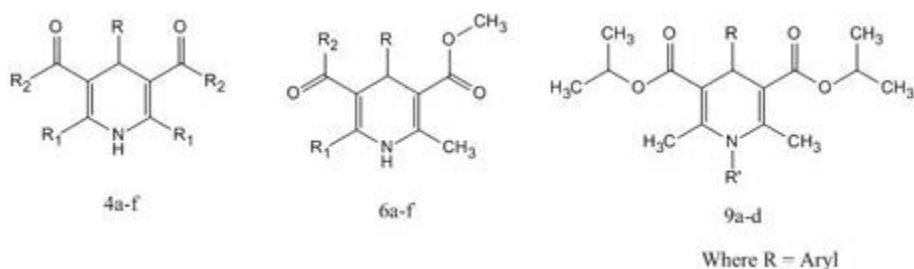
15. Molecular iodine-catalyzed one-pot synthesis of some new Hantzsch 1,4-dihydropyridines at ambient temperature (08-2966JP)

J. D. Akbari, S. D. Tala, M. F. Dhaduk and H. S. Joshi

Full Text: [PDF \(221K\)](#)

Supplementary Material: [PDF \(1,539K\)](#)

pp. 126 - 135



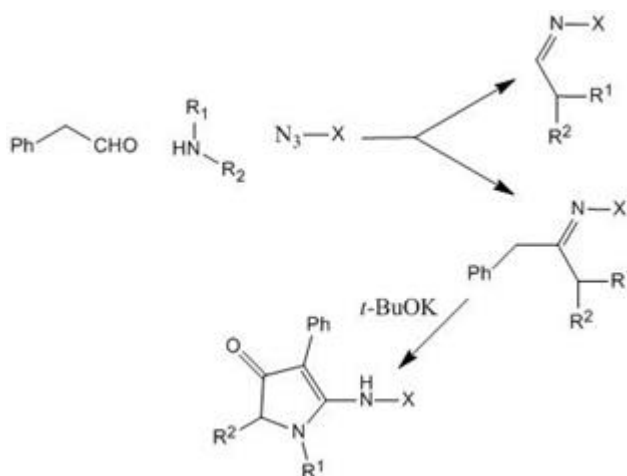
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16. Synthesis of phenylacetaldehyde amidines and their intramolecular cyclization (08-2936UP)

Alessandro Contini, Emanuela Erba and Pasqualina Trimarco

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pp. 136 - 147



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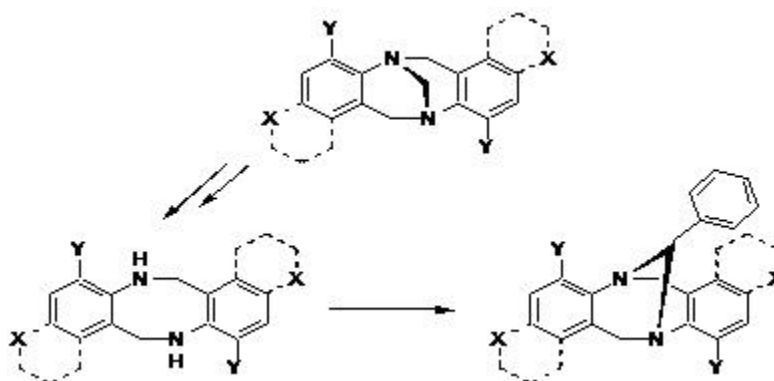
17. Synthesis of 5,6,11,12-tetrahydrodibenzo[*b,f*][1,5]diazocines and a demonstration of their reactivity to afford methano strap-modified Tröger's base analogues (08-2976DP)

Andrew B. Mahon, Donald C. Craig and Andrew C. Try

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Supplementary Material: [PDF \(163K\)](#)

pp. 148 - 163



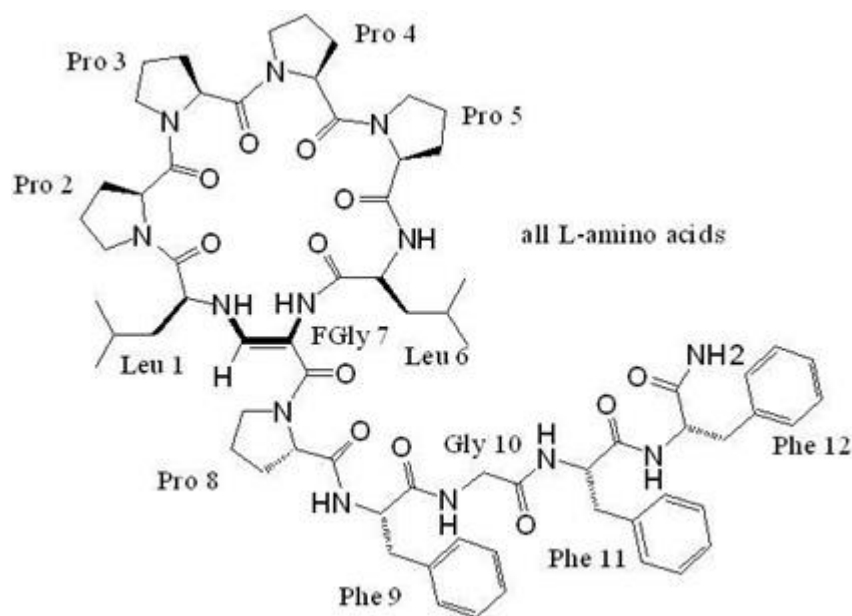
received Jan 7 2008; accepted Mar 2 2008; published Apr 14 2008;

18. Callyaerin G, a new cytotoxic cyclic peptide from the marine sponge *Callyspongia aerizusa* (08-2979EP)

Sabrin R. M. Ibrahim, RuAngelie Edrada-Ebel, Gamal A. Mohamed, Daa T. A. Youssef, Victor Wray and Peter Proksch

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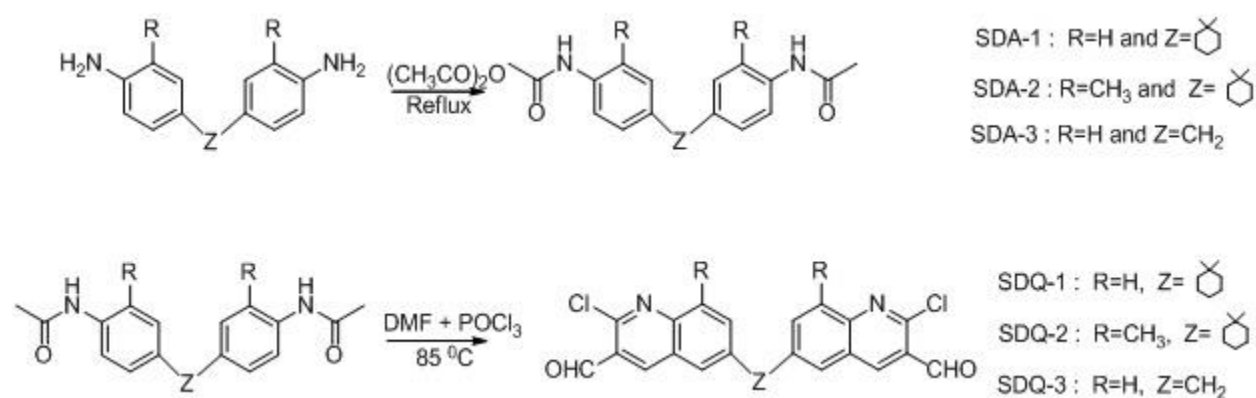
pp. 164 - 171



received Jan 8 2008; accepted Mar 23 2008; published Apr 16 2008;

19. Synthesis, spectroscopic characterization and DFT calculations on [4-(sulfonylazide)phenyl]-1-azide (08-3018NP)

pp. 195 - 204



received Feb 11 2008; accepted May 1 2008; published May 21 2008;

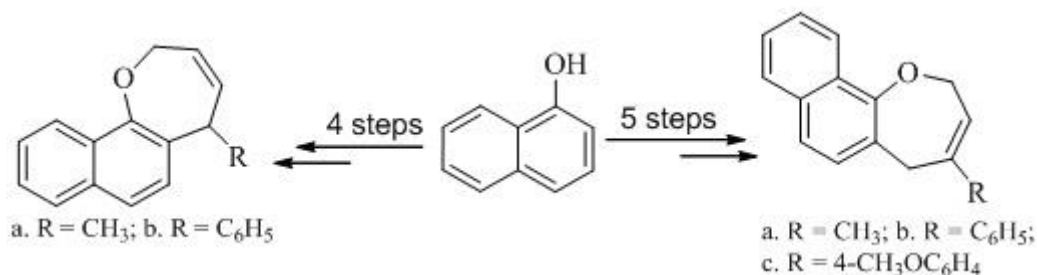
22. Synthesis of substituted 2,5-dihydro-1-naphthoxepines from 1-naphthol via ring-closing metathesis (08-3116UP)

Jui-Chi Tsai, Sie-Rong Li, Liang-Yeu Chen, Po-Yuan Chen, Sodio Chih-Neng Hsu, Chun-Nan Lin and Eng-Chi Wang

Full Text: [PDF \(236K\)](#)

Supplementary Material: [PDF \(581K\)](#)

pp. 205 - 217



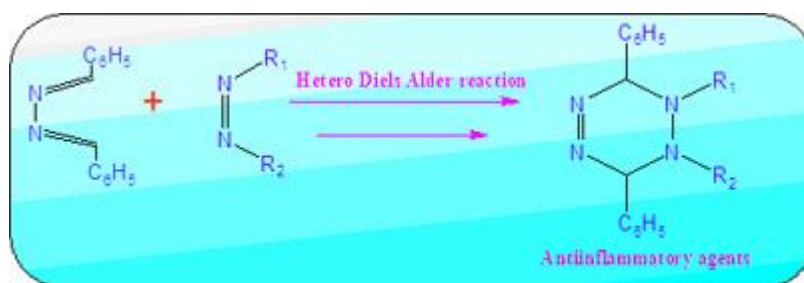
received Mar 14 2008; accepted May 1 2008; published May 22 2008;

23. Diels Alder reaction strategy to synthesize 1, 2, 4, 5- tetrazines and exploration of their anti-inflammatory potential (08-2971UP)

Pratibha Sharma, Ashok Kumar, Vinita Sahu and Jitendra Singh

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pp. 218 - 225



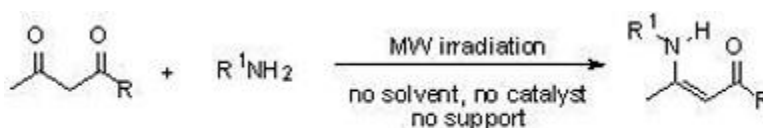
received Jan 2 2008; accepted Apr 23 2008; published May 22 2008;

24. Microwave assisted solvent-, support- and catalyst-free synthesis of enamines (08-3088JP)

Carlos Kleber Z. Andrade, Angélica de Fátima S. Barreto and Wender A. Silva

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pp. 226 - 232



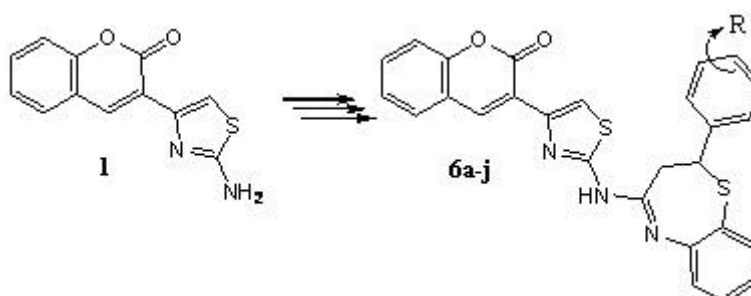
received Mar 4 2008; accepted May 1 2008; published May 22 2008;

25. A comparative study of microwave assisted and conventional synthesis of 2,3-dihydro-2-aryl-4-[4-(2-oxo-2H-chromen-3-yl)-1,3-thiazol-2-ylamino]-1,5-benzothiazepines and its antimicrobial activity (08-3081BP)

Jignesh P. Raval, Jignasu T. Desai Chinten K. Desai and Kishor R. Desai

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pp. 233 - 244



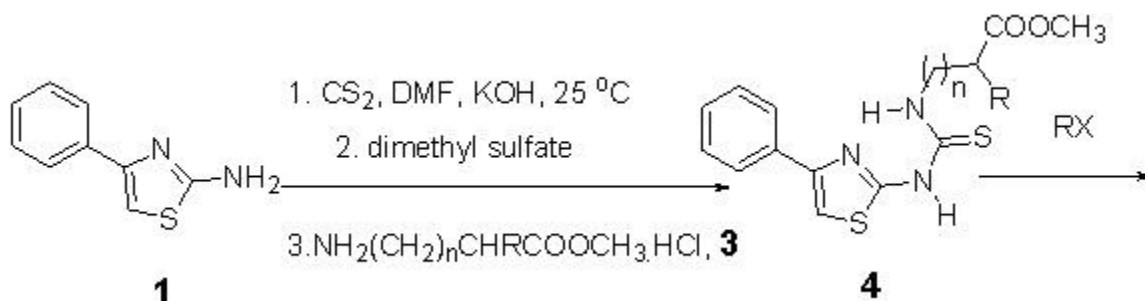
received Mar 1 2008; accepted May 11 2008; published May 22 2008;

26. Syntheses and reactions of methyl [3-(4-phenyl-thiazol-2-yl)-thioureido] alkanoates and related compounds (08-3111CP)

Walid Fathalla

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pp. 245 - 255



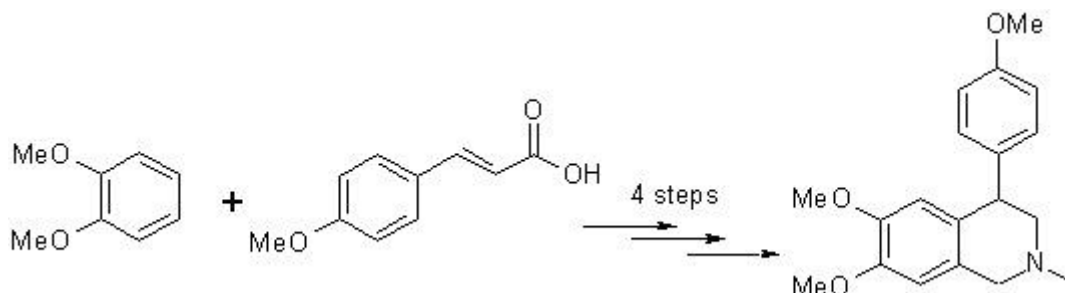
received Mar 11 2008; accepted May 12 2008; published May 25 2008;

27. Alternative synthesis of (+/-) cherylline dimethyl ether (08-3038GP)

Reshma Kurangi, Suvidha Kinalekar, Santosh Tilve and Janardan Kirtaney

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pp. 256 - 261



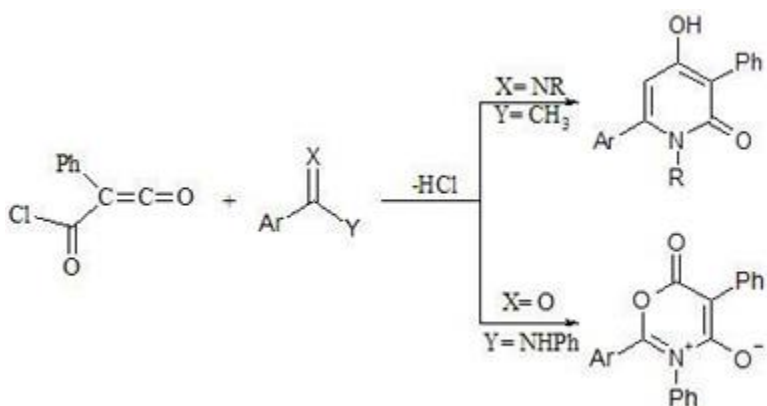
received Feb 5 2008; accepted May 19 2008; published May 28 2008;

28. The condensation of (chlorocarbonyl)phenyl ketene with 1,3-dinucleophiles. I. Synthesis of 4-hydroxy-2-(1H)-pyridinones and mesoionic 1,3-oxazinium olates (08-3127JP)

Mehdi Abaszadeh, Hassan Sheibani, Kazem Saidi and Rooholla Moordini Nejad

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pp. 262 - 268



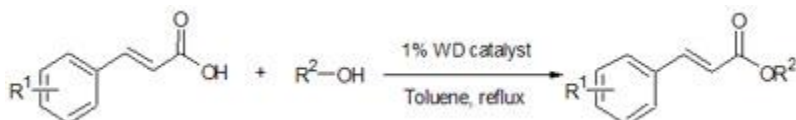
received Mar 19 2008; accepted May 21 2008; published May 29 2008;

29. Direct esterification of cinnamic acids with phenols and imidoalcohols: A simple heteropolyacid-catalyzed procedure (08-3122CP)

Diego M. Ruiz, Gustavo P. Romanelli, Daniel O. Bennardi, Graciela T. Baronetti, Horacio J. Thomas and Juan C. Autino

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pp. 269 - 276



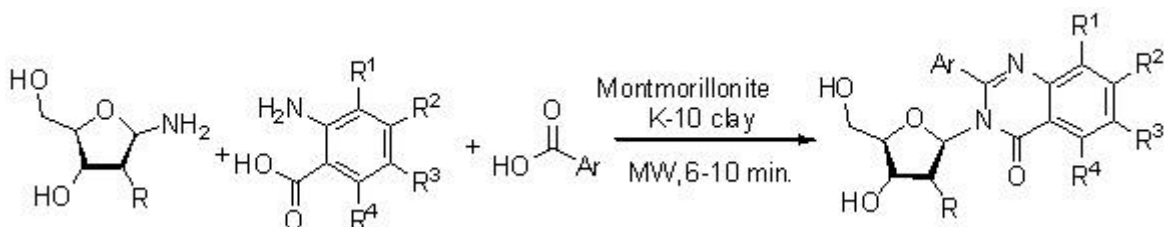
received Mar 18 2008; accepted May 7 2008; published May 29 2008;

30. A novel anthranilic acid based multi-component strategy for expeditious synthesis of 4(3H)-quinazolinone N-nucleosides (08-3105JP)

Ibadur R. Siddiqui, Siraj A. Siddique, Vishal Srivastava, Pravin K. Singh and J. Singh

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pp. 277 - 285



received Mar 10 2008; accepted May 23 2008; published Jun 6 2008;