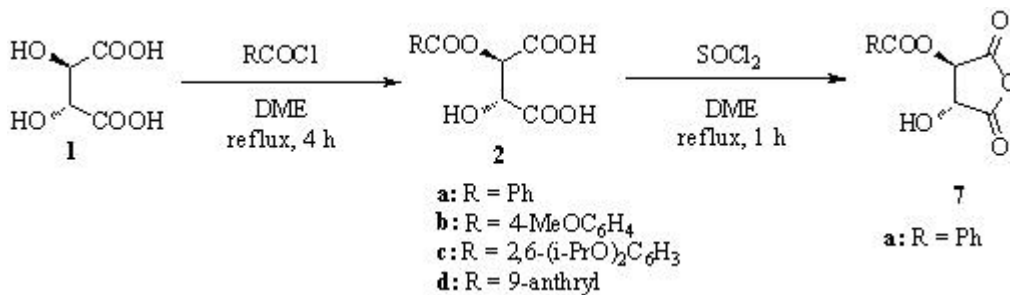


1. Tartaric acid and its acyl derivatives. Part 5. Direct synthesis of monoacyltartaric acids and novel mono(benzoyl)tartaric anhydride: unusual findings in tartaric acid acylation (10-5519CP)

Urszula Bernaś, Halina Hajmowicz, Izabela D. Madura, Monika Majcher, Ludwik Synoradzki and Krzysztof Zawada

Full Text: [PDF \(246K\)](#)

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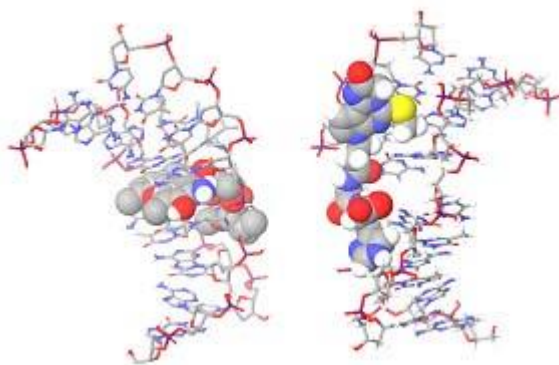
received Jun 15 2010; accepted Aug 9 2010; published Aug 20 2010;

2. Design of new DNA-interactive agents by molecular docking and QSPR approach (10-5355QP)

Anna Maria Almerico, Antonino Lauria and Marco Tutone

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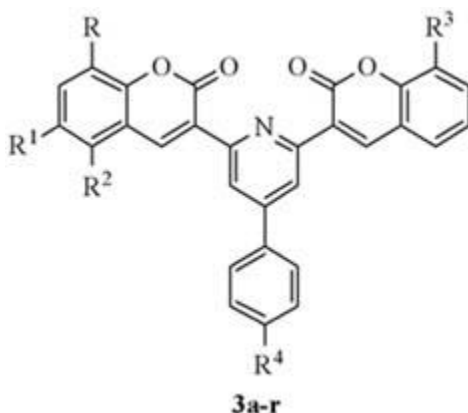
received Apr 29 2010; accepted Aug 14 2010; published Sep 6 2010;

3. Synthesis, characterization and antimicrobial activity of some 4-aryl-2,6-di(coumarin-3-yl)pyridines
(10-5566UP)

Dinker Ishwarbhai Brahmabhatt, Anil K. Patel, Niraj H. Patel and Mehul A. Patel

Full Text: [PDF \(253K\)](#)

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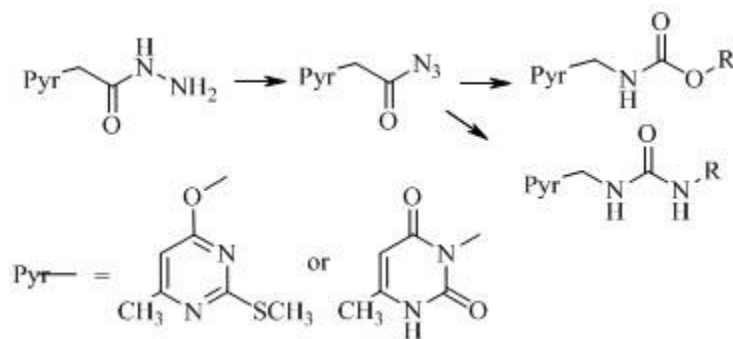
received Jun 29 2010; accepted Aug 9 2010; published Sep 6 2010;

4. Synthesis of (pyrimidin-4-yloxy)- and (pyrimidin-3-yl)acetyl azides and their rearrangement to carbamates and ureas (10-5040OP)

Virginija Jakubkiene, Zana Kacnova, Milda Malvina Burbuliene and Povilas Vainilavicius

Full Text: [PDF \(208K\)](#)

pp. 39 - 48



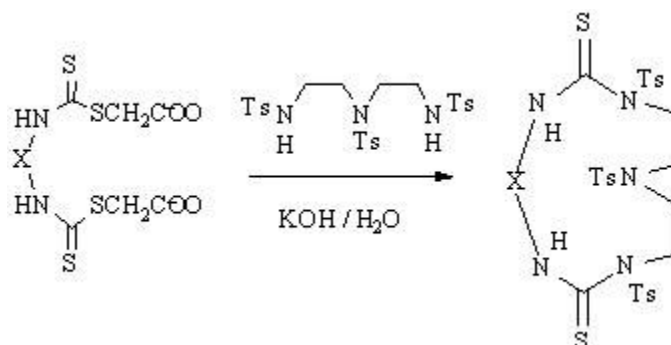
received Jan 28 2010; accepted Aug 6 2010; published Sep 6 2010;

5. An expedient synthesis of N-p-tosyl macrocycles containing two thiourea moieties from trisulfonamide and bisdithiocarbamate salts at room temperature in aqueous media (10-5468HP)

Ming Jie Zhang

Full Text: [PDF \(146K\)](#)

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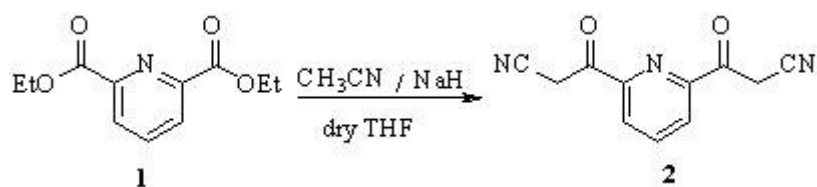
received Jun 1 2010; accepted Aug 26 2010; published Sep 6 2010;

6. A new convenient synthesis of some novel 2,6-disubstituted-pyridine derivatives (10-5490CP)

Korany A. Ali

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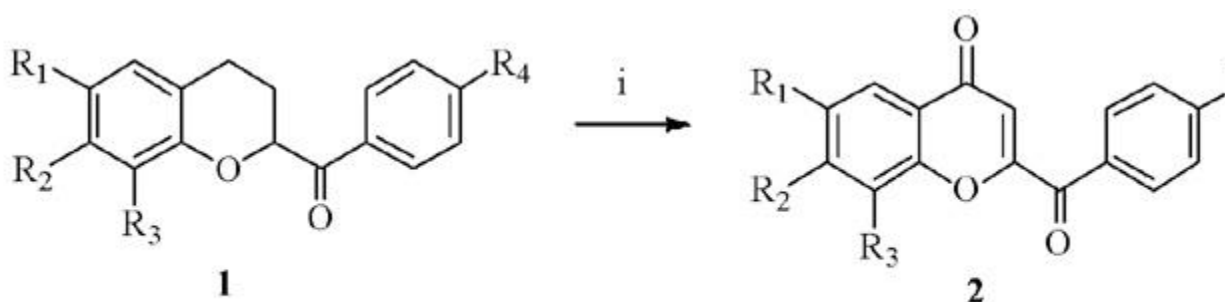
received Jun 5 2010; accepted Aug 19 2010; published Sep 8 2010;

7. 2,3-Dichloro-5,6-dicyanobenzoquinone (DDQ) mediated oxidation-dehydrogenation of 2-aroyl-3,4-dihydro-2H-benzopyrans : synthesis of 2-aroylbenzopyran-4-ones (10-5126RP)

Liang-Yeu Chen, Sie-Rong Li, Po-Yuan Chen, Ho-Chiang Chang, Tzu-Pin Wang, Ian-Lih Tsai and Eng-Chi Wang

Full Text: [PDF \(394K\)](#)

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Reagents and Conditions: i. DDQ (3.5 equiv), dioxane, HOAc-H₂O reflux; 34-86%

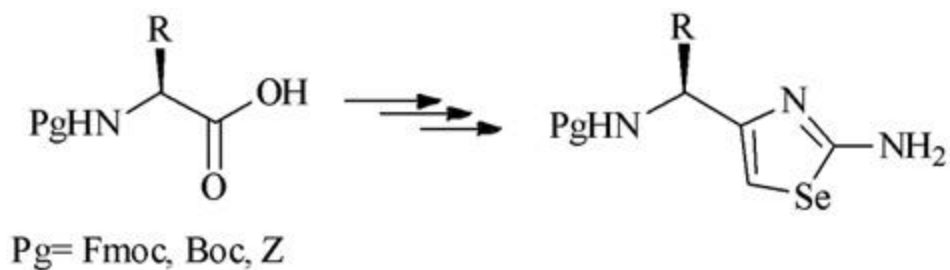
received Feb 22 2010; accepted Aug 19 2010; published Sep 10 2010;

8. Ultrasound mediated synthesis of 2-amino-1,3-selenazoles derived from Fmoc/Boc/Z- α -amino acids (10-5496SP)

Haraluru S. Lalithamba, N. Narendra, Shankar A. Naik and Vommina V. Sureshbabu

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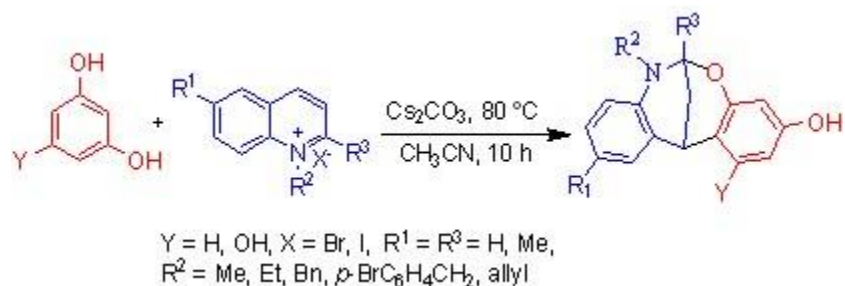
received Jun 9 2010; accepted Aug 20 2010; published Sep 10 2010;

9. The synthesis of dibenzazocines *via* tandem dinucleophilic addition of phenols to quinolinium salts (10-5461EP)

Firouz Matloubi Moghaddam, Hamdollah Saeidian, Mostafa Kiamehr, Zohreh Mirjafary and Salman Taheri

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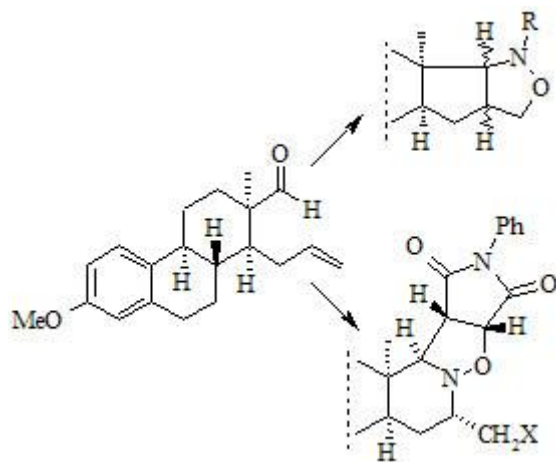
received May 31 2010; accepted Aug 19 2010; published Sep 14 2010;

10. Electrophile- and Lewis acid-induced nitrone formation and 1,3-dipolar cycloaddition reactions in the 13 α - and 13 β -estrone series (10-5354UP)

Erzsebet Mernyak, Judit Huber, Gabriella Benedek, Roland Pfoh, Stephan R \ddot{u} hl, Gyula Schneider and J \ddot{a} nos W \ddot{a} lfing

Full Text: [PDF \(448K\)](#)

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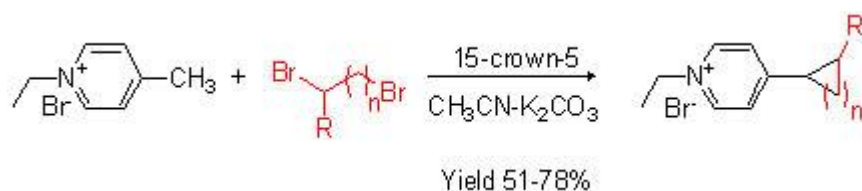
received Apr 29 2010; accepted Aug 14 2010; published Sep 27 2010;

11. Synthesis of 4-cyclo(propyl- and butyl)-1-ethylpyridinium bromides and calculation of their proton and carbon chemical shifts (10-4268RP)

Olegas Eicher-Lorka, Zenonas Kuodis, Algirdas MatijoÅška and Albertas Rutavičius

Full Text: [PDF \(412K\)](#)

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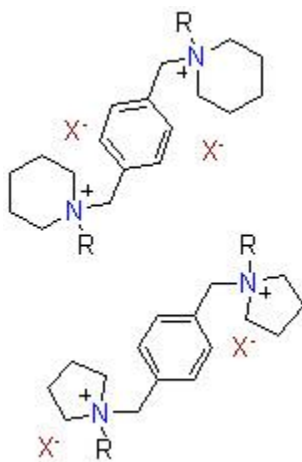
received Jul 24 2009; accepted Aug 14 2010; published Oct 11 2010;

12. Novel bis-piperidinium and bis-pyrrolidinium compounds as versatile phase-transfer catalysts (10-5511HP)

Muhammad Jawwad Saif, Jamil Anwar, Munawar Ali Munawar, Muhammad Kashif and Muhammad Imran Asghar

Full Text: [PDF \(141K\)](#)

pp. 133 - 145



received Jun 14 2010; accepted Sep 12 2010; published Oct 14 2010;

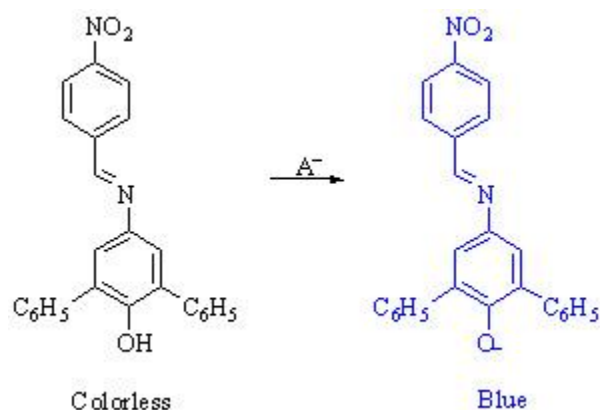
13. An anionic chromogenic chemosensor based on 4-((4-nitrobenzylideneamino)-2,6-diphenylphenol for selective detection of cyanide in acetonitrile–water mixtures (10-5348RP)

Vanderlândia G. Marini, Eliane Torri, Lizandra M. Zimmermann and Vanderlei G. Machado

Full Text: [PDF \(329K\)](#)

Supplementary Material: [PDF \(443K\)](#)

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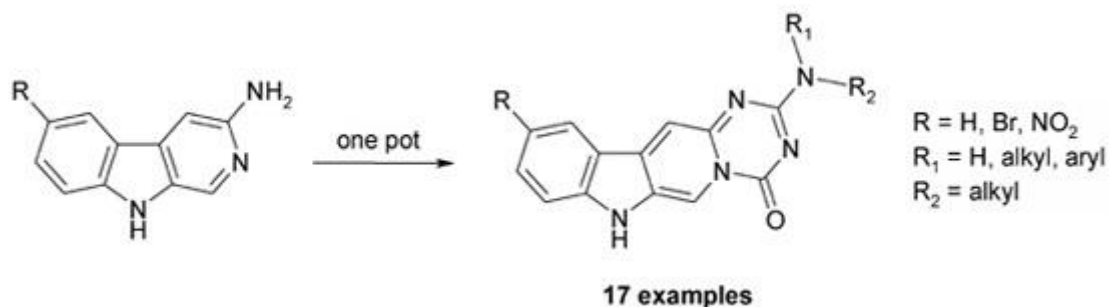
received Apr 27 2010; accepted Sep 1 2010; published Oct 20 2010;

14. Triazine-fused β -carbolines: a facile three-step, one-pot synthesis of novel 2-alkyl(aryl)amino and 2-dialkylamino-7H-[1,3,5]triazino [1',2':1,6]pyrido[3,4-b]indol-4-ones (10-5271YP)

Nicolas Primas, Hussein El-Kashef, Jean-Charles Lancelot, Aurélien Lesnard, Robert H. Dodd and Sylvain Rault

Full Text: [PDF \(207K\)](#)

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received Apr 1 2010; accepted Aug 30 2010; published Oct 23 2010;

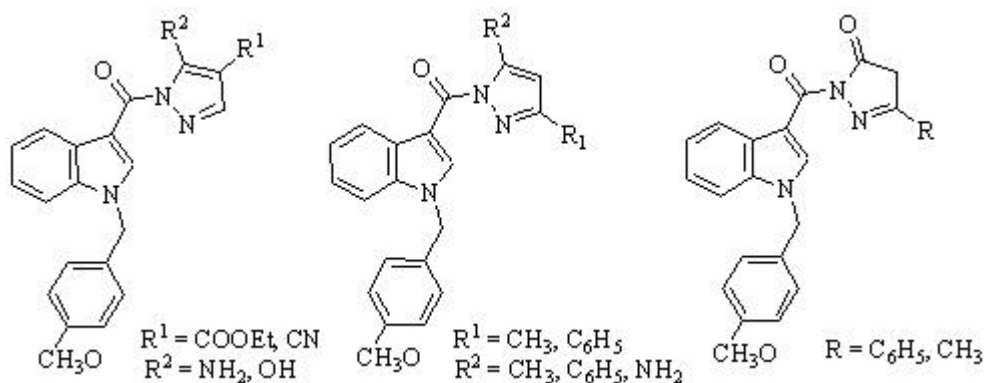
15. Synthesis of some new indole derivatives containing pyrazoles with potential antitumor activity (10-5525VP)

Abdel-Rahman Ali Hassan Farghaly

Full Text: [PDF \(135K\)](#)

Supplementary Material: [PDF \(13K\)](#)

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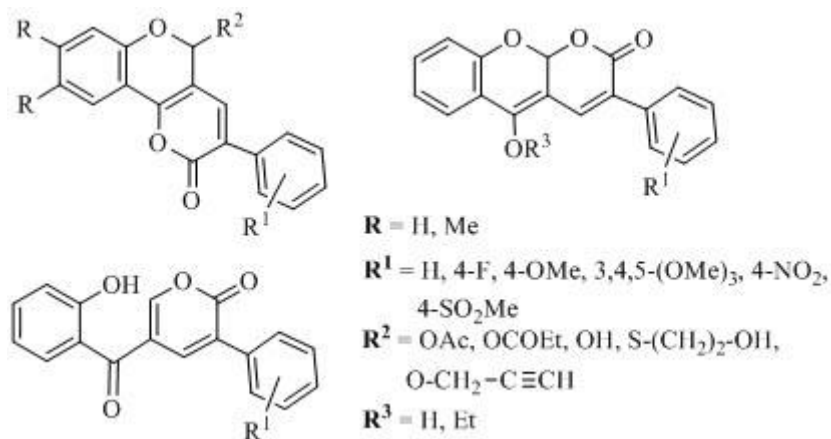
received Jun 19 2010; accepted Sep 12 2010; published Oct 24 2010;

16. Synthesis of 3-phenyl-2H,5H-pyrano[3,2-c]chromen-2-one derivatives and their antineoplastic activity (10-5500MP)

Renata Gasparova, Lucia Kušnierová, Andrej Boháč, Marián Ďurana and Margita Lajčová

Full Text: [PDF \(351K\)](#)

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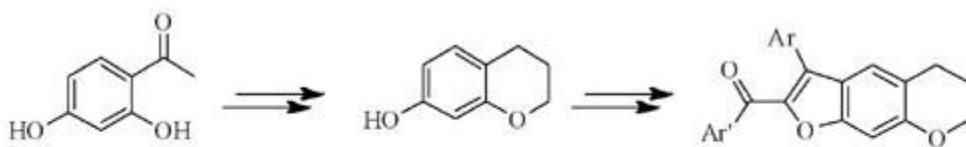
received Jun 10 2010; accepted Oct 11 2010; published Oct 24 2010;

17. Synthesis, characterization, crystal structure and cytotoxicity of 2-aryl-3-aryl-5H-furo[3,2-g]chromen derivatives (10-5408JP)

Chun Hu, Shi-Hui Wang, Yan Wang, Yu-Ying Zhu, Jian Han, Yi-Fan Zhou, Diwa Koirala and Da-Wei Li

Full Text: [PDF \(599K\)](#)

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5a: Ar = 4-methoxyphenyl, Ar' = phenyl
5b: Ar = phenyl, Ar' = 4-methoxyphenyl
5c: Ar = 4-methoxyphenyl, Ar' = 4-methylphenyl
5d: Ar = 4-methoxyphenyl, Ar' = 4-methoxyphenyl
5e: Ar = 4-methoxyphenyl, Ar' = 4-chlorophenyl

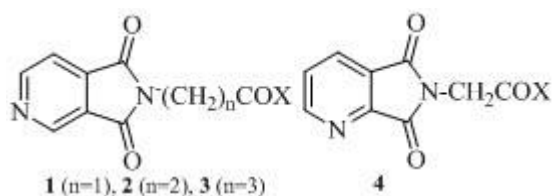
received May 14 2010; accepted Oct 11 2010; published Oct 24 2010;

18. Mass spectrometry of aromatic cyclic imides and amides. Part II: electron ionization induced decomposition of *N*-substituted 3,4-pyridinedicarboximides (10-5445BP)

Isabel Amalia Perillo, Mar a Mercedes Blanco and Alejandra Salerno

Full Text: [PDF \(1,322K\)](#)

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a, X=OH; **b,** X=OMe;
c, X=OEt; **d,** X=Oiso-Pr;
e, X=NEt₂; **f,** X=NMePh;
g, X=Ph

received May 26 2010; accepted Sep 21 2010; published Oct 24 2010;

19. Moisture compatible and recyclable indium (III) chloride catalyzed and microwave assisted efficient route to substituted 1*H*-quinolin-2-ones (10-5486JP)

Ibadur Rahman Siddiqui, Shayna Shamim, Archana Singh, Vishal Srivastava and Sanjay Yadav

Full Text: [PDF \(240K\)](#)

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received Jul 18 2010; accepted Oct 11 2010; published Oct 31 2010;

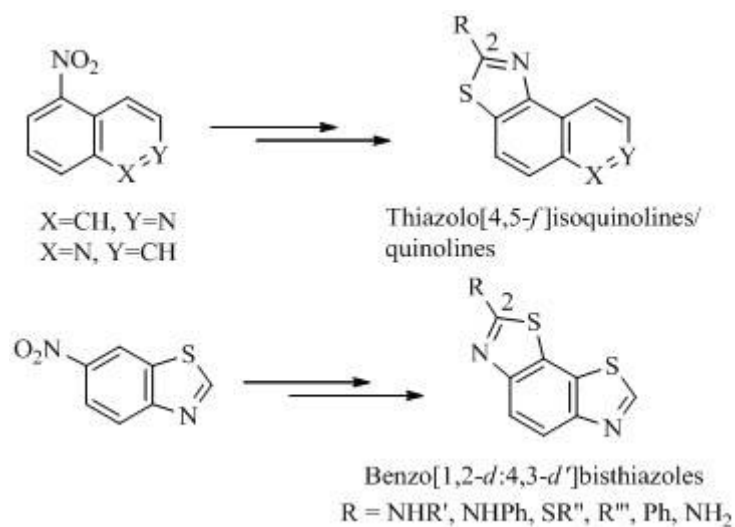
22. An expedient synthesis of novel 2-substituted thiazolo[4,5-*f*]isoquinolines/quinolines and benzo[1,2-*d*:4,3-*d'*]bisthiazoles and their potential as inhibitors of COX-1 and COX-2 (10-5631ZP)

Manas Chakrabarty, Ajanta Mukherji, Sulakshana Karmakar, Ratna Mukherjee, Kenichiro Nagai, Athina Geronikaki and Pitta Eleni

Full Text: [PDF \(572K\)](#)

Supplementary Material: [PDF \(270K\)](#)

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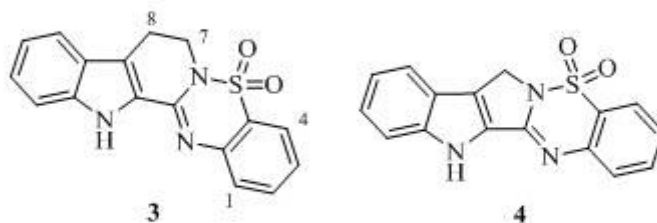
received Jul 15 2010; accepted Oct 6 2010; published Nov 7 2010;

23. Synthesis of bioisosteric 5-sulfa-rutaecarpine derivatives (10-5111CP)

MãjtÃ© BubenýÃjk, Mãjria TakÃjcs, BalÃjzs Blazics, Ãkõs RÃjcz, BÃ©la NoszÃjl, LÃjzslÃ³ PÃ¼ski, JÃ³zsef KÃ¶kÃ¶si and IstvÃjn Hermecz

Full Text: [PDF \(328K\)](#)

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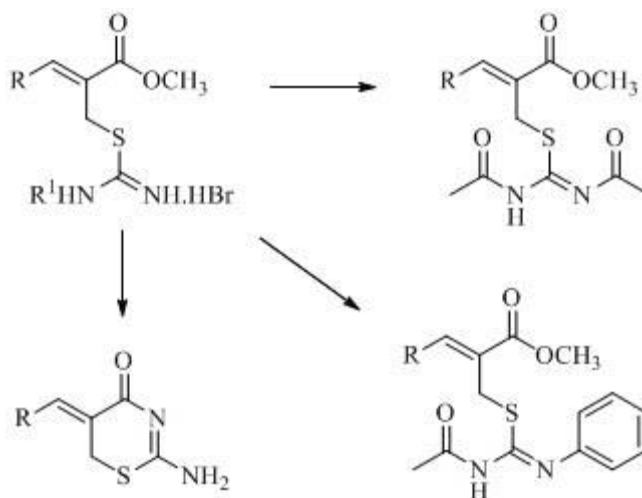
received Feb 18 2010; accepted Oct 10 2010; published Nov 7 2010;

24. Exploring the reaction of multifunctional allylic bromides with *N,S*-dinucleophiles: isothiuronium salts and analogs as useful motifs to assemble the 1,3-thiazine core (10-5504UP)

Marcus Mandolesi Săi, Misael Ferreira, Adailton J. Bortoluzzi, Luciano Fernandes and Silvio Cunha

Full Text: [PDF \(478K\)](#)

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received Jun 10 2010; accepted Aug 26 2010; published Nov 14 2010;

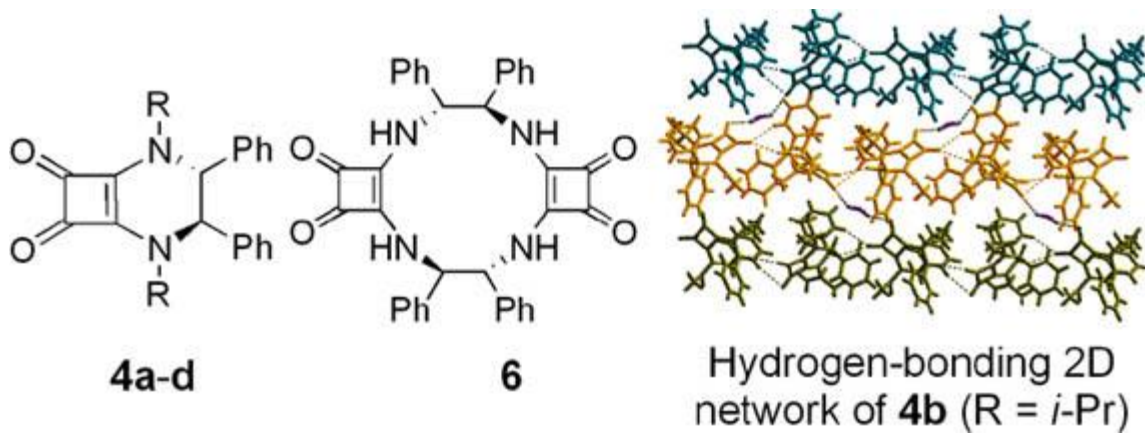
25. Synthesis and structural features of chiral cyclic squaramides and their application in asymmetric catalytic reaction (10-5696UP)

Xiaoqing Jin, Qiaoqiao Min, Yangfan Zheng, Pengcheng Wang, Jun Zhu and Hai-Bing Zhou

Full Text: [PDF \(3,282K\)](#)

Supplementary Material: [PDF \(190K\)](#)

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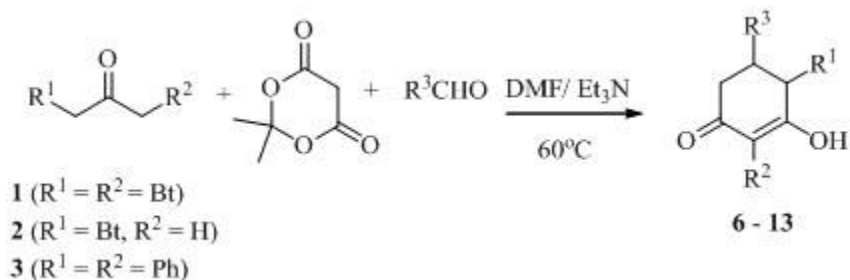
received Jul 30 2010; accepted Oct 17 2010; published Nov 14 2010;

26. Domino Knoevenagel/Michael addition/C-acylation reaction. Synthesis of 1,3-cyclohexane-1,3-diones (10-5742HP)

Tadeusz Stefan Jagodziński and Sławomir Westerlich

Full Text: [PDF \(184K\)](#)

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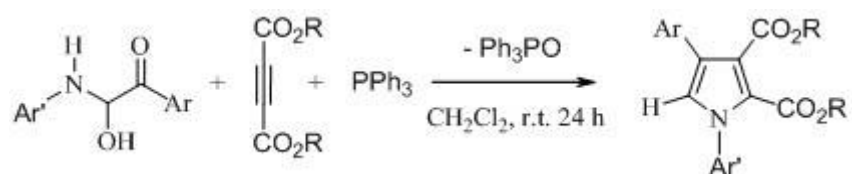
received Aug 12 2010; accepted Oct 27 2010; published Nov 14 2010;

27. A facile route to the synthesis of polyfunctionalized pyrroles (10-5359OP)

Hossein Anaraki-Ardakani, Mohammad Hossein Mosslemin, Mohammad Anary-Abbasinejad, Sayyed-Hamidreza Mirhosseini and Nasim Shams

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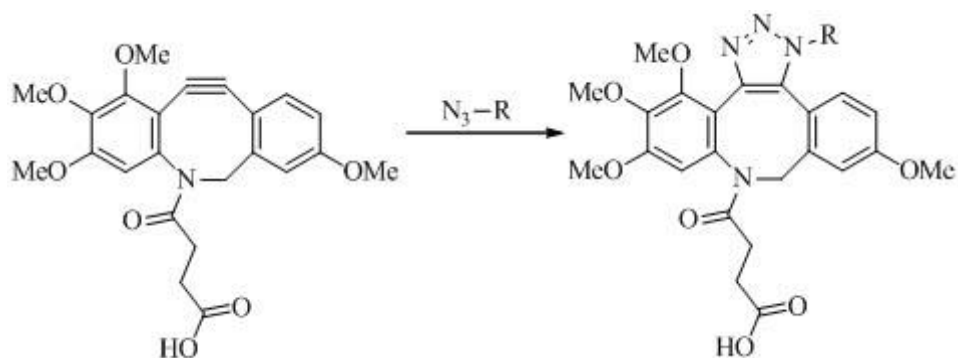
received Apr 30 2010; accepted Oct 17 2010; published Nov 14 2010;

28. A novel dibenzo-azacyclooctyne precursor for application in regioselective copper-free click chemistry, obtained by an innovative 3-step synthesis (10-5700OP)

Frank Starke, Martin Walther and Hans-Jürgen Pietzsch

Full Text: [PDF \(390K\)](#)

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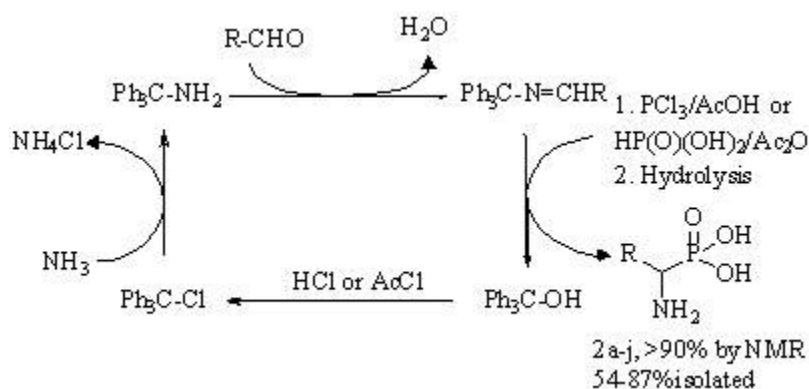
received Jul 30 2010; accepted Oct 11 2010; published Nov 29 2010;

29. Tritylamine (triphenylmethylamine) in organic synthesis; III. The synthesis of 1-aminoalkylphosphonic acids in the reaction of *N*-(triphenylmethyl)alkanimines with phosphorus trichloride in acetic acid or with phosphonic acid in acetic anhydride. (10-4826CP)

Mirosław Soroka and Waldemar Goldeman

Full Text: [PDF \(304K\)](#)

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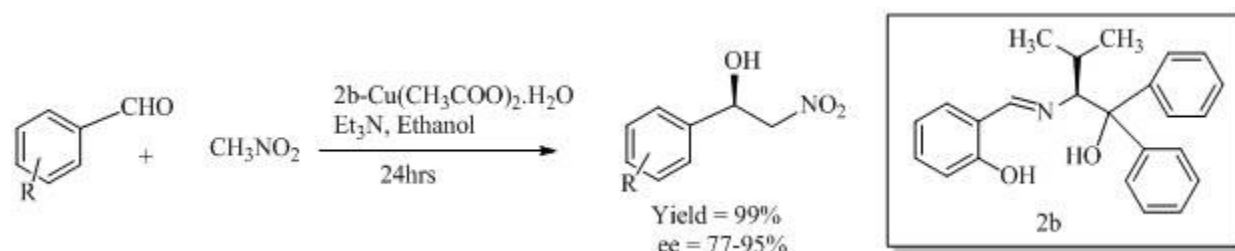
received Dec 4 2009; accepted Oct 6 2010; published Dec 5 2010;

30. Salicylaldehyde based copper (II) complex-potential catalyst for asymmetric Henry reaction (10-5383MP)

Sivan Velmathi, Nallamuthu Ananthi and Umesh Balakrishnan

Full Text: [PDF \(241K\)](#)

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received May 6 2010; accepted Sep 21 2010; published Jan 4 2011;