

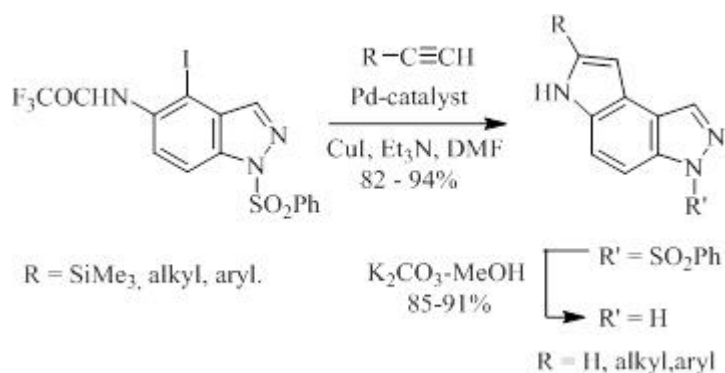
1. An expedient general synthesis of pyrrolo[3,2-*e*]indazoles: domino Sonogashira/Cacchi coupling-heteroannulation reactions (14-8596SP)

Sujoy K. Barik, Moumita Rakshit, Gandhi K. Kar and Manas Chakrabarty

Full Text: [PDF \(153K\)](#)

Supplementary Material: [PDF \(5,529K\)](#)

pp. 1 - 15



received Jan 10 2014; accepted Apr 20 2014; published Jun 8 2014;

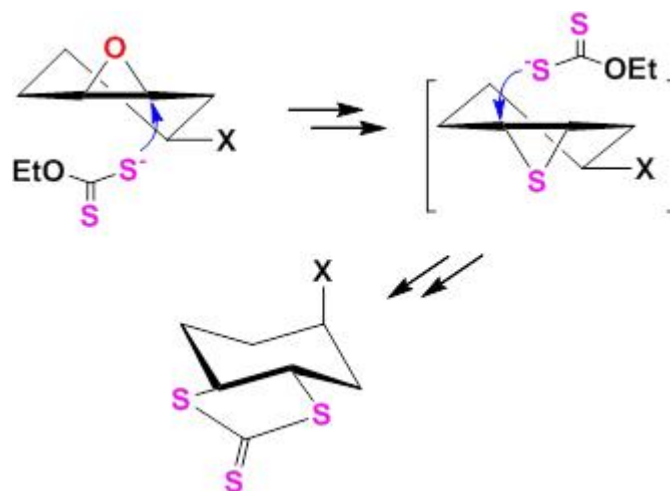
2. Convenient synthesis of 1,3-dithiolane-2-thiones: cyclic trithiocarbonates as conformational locks (14-8671YP)

Irina A. Dotsenko, Qinliang Zhao, Andreas H. Franz, Patrick Batoon, Nataliya M. Samoshina and Vyacheslav V. Samoshin

Full Text: [PDF \(537K\)](#)

Supplementary Material: [PDF \(1,253K\)](#)

pp. 16 - 41



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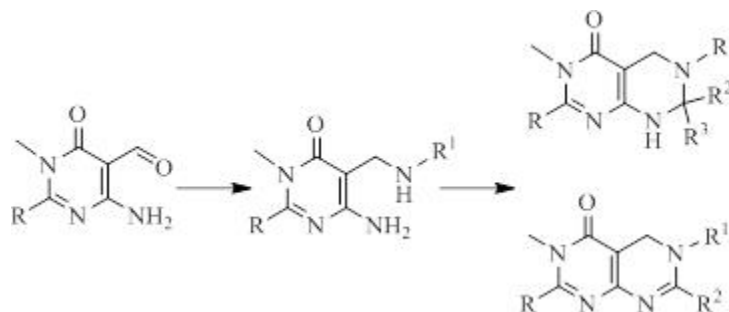
3. Easy synthesis of new series of pteridine analogs: di- and tetra-hydropyrimido[4,5-d]pyrimidines via 5-pyrimidinecarbaldehydes (14-8653VP)

José M. de la Torre, Manuel Noguera, Eduardo J. Borkowski, Fernando D. Suvire, Ricardo D. Enriz and Justo Cobo

Full Text: [PDF \(317K\)](#)

Supplementary Material: [PDF \(3,309K\)](#)

pp. 42 - 63



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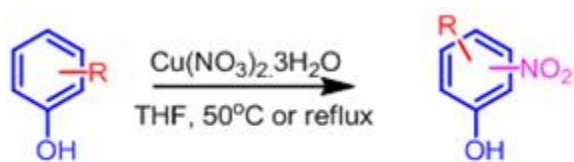
4. A practical approach for regioselective mono-nitration of phenols under mild conditions (14-8587ZP)

Ling-Yan Chen, Tao Liu, Xiaokun Zhou and Zhihua Sun

Full Text: [PDF \(102K\)](#)

Supplementary Material: [PDF \(521K\)](#)

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13 examples, 67-90% yield

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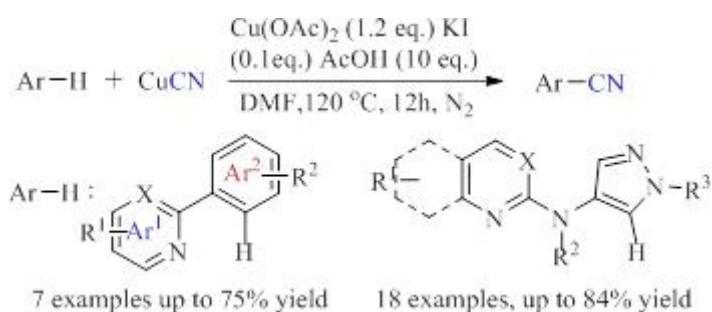
5. Copper-catalyzed, oxidative *sp*² C-H cyanation: facile synthesis of aromatic carbonitriles (14-8682IP)

Jin-Qiang Liu, Bao-Yu Hao, Hao Zou, Wei-Han Zhang and Xin-Zhi Chen

Full Text: [PDF \(719K\)](#)

Supplementary Material: [PDF \(7,875K\)](#)

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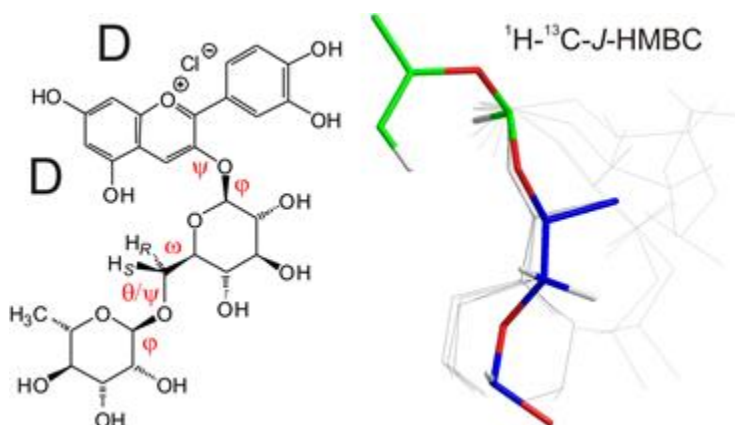
6. Structure assignment and H/D-exchange behavior of several glycosylated polyphenols (14-8583QP)

Andreas H. Franz, Ilona Serebnitskaya, Gurbir Gudial and Christopher Wallis

Full Text: [PDF \(7,926K\)](#)

Supplementary Material: [PDF \(11,366K\)](#)

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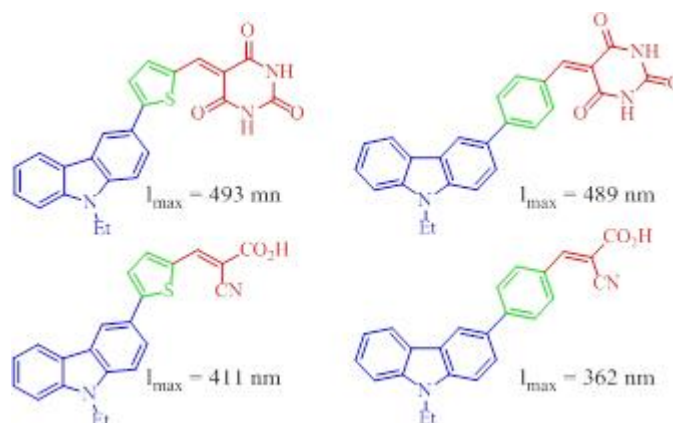
7. 5-(Methylidene)barbituric acid as a new anchor unit for dye-sensitized solar cells (DSSC) (14-8686UP)

Roman A. Irgashev, Grigory A. Kim, Gennady L. Rusinov and Valery N. Charushin

Full Text: [PDF \(281K\)](#)

Supplementary Material: [PDF \(917K\)](#)

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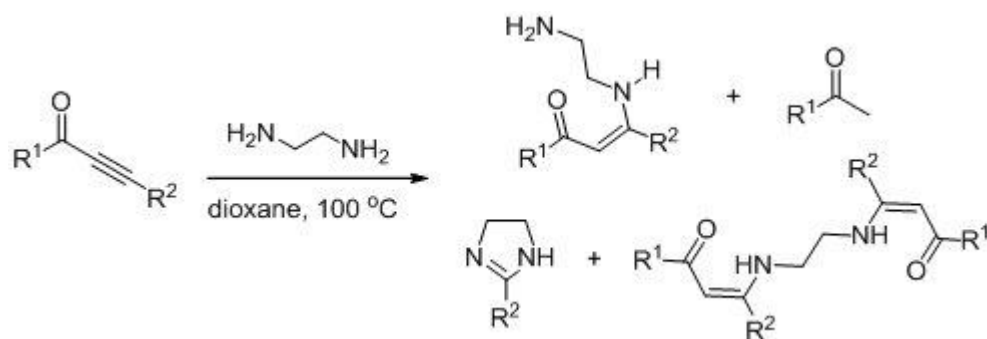
received Mar 12 2014; accepted Jun 2 2014; published Jun 28 2014;

8. Peculiarities of the cascade cleavage of the polarized C≡C-fragment in α-ketoacetylenes on reaction with ethylene diamine (14-8663SP)

Sergei F. Vasilevsky, Maria P. Davydova, Denis N. Tomilin, Lyubov N. Sobenina, Victor I. Mamatuyk and Nadezhda V. Pleshkova

Full Text: [PDF \(272K\)](#)

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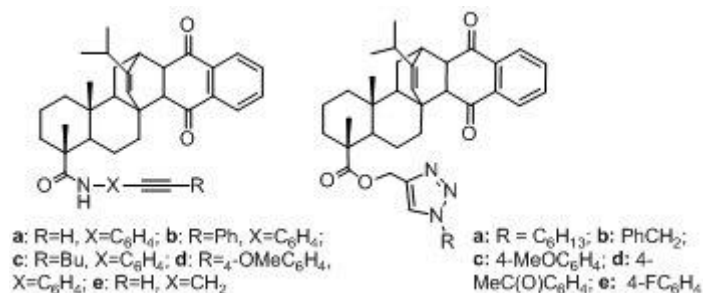
received Feb 26 2014; accepted Jun 2 2014; published Jul 19 2014;

9. Click chemistry on diterpenes: anti-inflammatory activity of the acetylenic derivatives of levopimaric acid and products of their transformations (14-8471ZP)

Sergey F. Vasilevsky, Denis S. Baranov, Anastasia I. Govdi, Irina V. Sorokina, Tatyana G. Tolstikova, Genrikh A. Tolstikov and Igor V. Alabugin

Full Text: [PDF \(414K\)](#)

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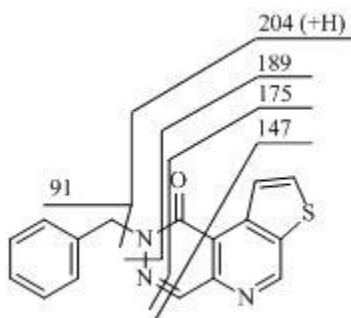
received Oct 15 2013; accepted Jun 12 2014; published Jul 19 2014;

10. Tandem mass spectrometric study of annelation isomers of the novel thieno[3',2':4,5]pyrido[2,3-d]pyridazine ring system (14-8600DP)

Gábor Krajsovsky, Eszter Tã³th and Krisztina Ludãjnyi

Full Text: [PDF \(167K\)](#)

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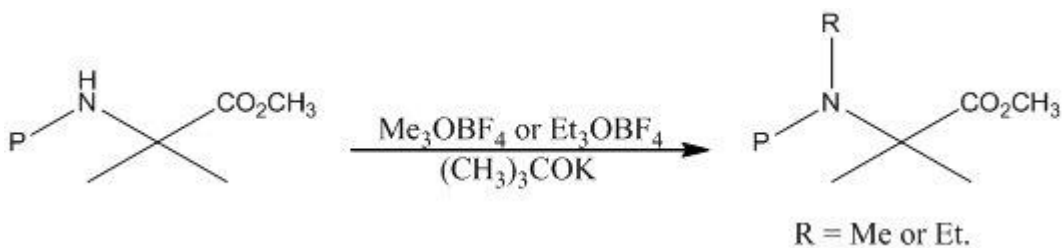
received Jan 15 2014; accepted May 4 2014; published Jul 27 2014;

11. Synthesis of *N*-alkyl- $C^{\alpha\alpha}$ -dimethylglycine derivatives (14-8622GP)

LuÃs S. Monteiro, Silvia M.M.A. Pereira-Lima, Sofia Pereira and JoÃo N. Machado

Full Text: [PDF \(120K\)](#)

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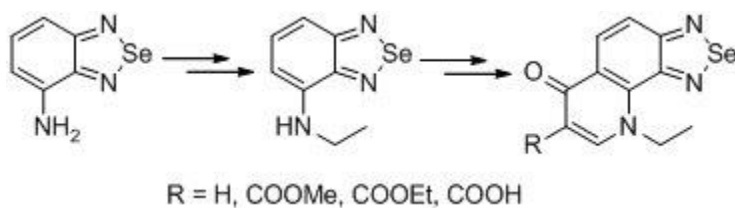
received Jan 30 2014; accepted May 4 2014; published Aug 1 2014;

12. Synthesis of 9-ethyl[1,2,5]selenadiazolo[3,4-*h*]quinolones by the application of modified Gould-Jacobs reaction to *N*-ethyl-2,1,3-benzoselenadiazol-4-amine (14-8451KP)

MaroÅš Bella and Viktor Milata

Full Text: [PDF \(249K\)](#)

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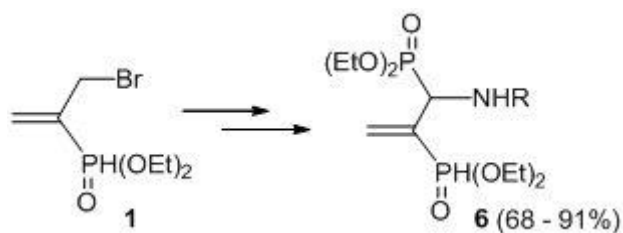
received Oct 4 2013; accepted Jun 3 2014; published Aug 1 2014;

13. Efficient synthesis of allylamines from a novel (*E*)-2,3-difunctionalized allyl bromide (14-8392IP)

Maha Ameer, AÃcha Arfaoui and Hassen Amri

Full Text: [PDF \(157K\)](#)

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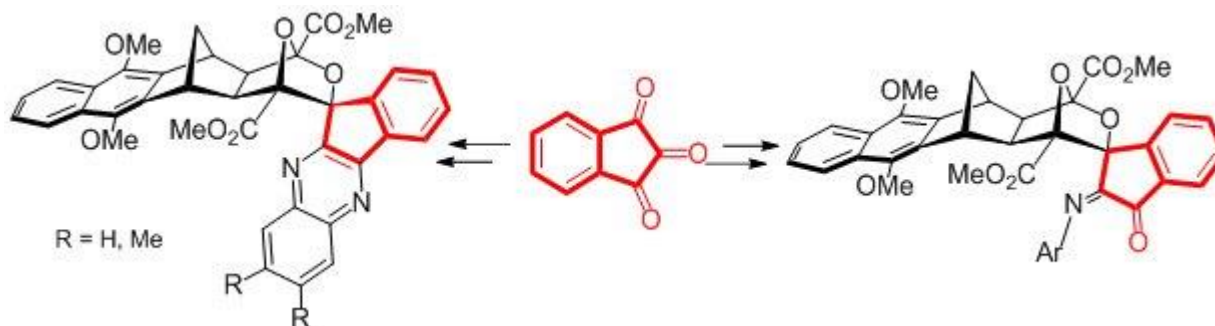
received Aug 27 2013; accepted Jun 9 2014; published Aug 1 2014;

14. Ninhydrin as a building block in scaffold-linked chromophoric dyad construction (14-8520NP)

Davor Margetic, David A. Mann and Ronald N. Warrener

Full Text: [PDF \(383K\)](#)

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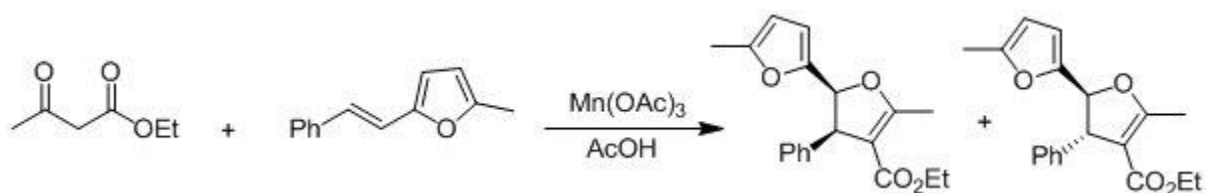
received Nov 15 2013; accepted Jun 12 2014; published Aug 1 2014;

15. Synthesis of furan substituted dihydrofuran compounds by radical cyclization reactions mediated by manganese(III) acetate (14-8482ZP)

Mehmet Yilmaz, Emre BiÅşer, Aslı Ustalar and A. Tarık Pekel

Full Text: [PDF \(285K\)](#)

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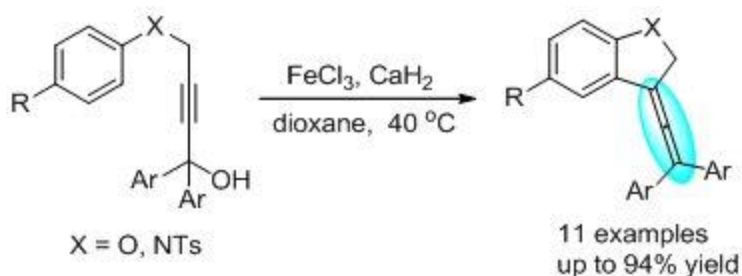
received Oct 24 2013; accepted Jun 12 2014; published Aug 1 2014;

16. Synthesis of dihydrobenzofurans and dihydroindoles by intramolecular Friedel-Crafts reaction of aryloxy- and arylamino-substituted propargylic alcohols (14-8481NP)

Xiangsheng Xu, Yanfeng Lu, Guo Hong, Zhiteng Zhao and Xiaoqing Li

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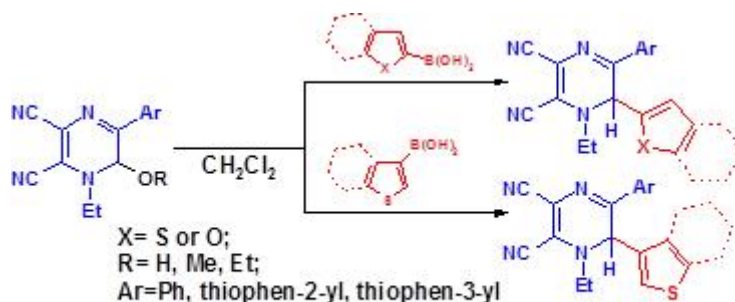
17. Synthesis, X-ray crystal structure and antimycobacterial activity of enantiomerically pure 1-ethyl-2,3-dicyano-5-(het)aryl-6-hetaryl-1,6-dihydropyrazines (14-8690DP)

Egor V. Verbitskiy, Maria S. Toporova, Mikhail I. Kodess, Marina A. Ezhikova, Maksim L. Isenov, Marina G. Pervova, Marionella A. Kravchenko, Igor D. Medvinskiy, Sergey N. Skornyakov, Gennady L. Rusinov and Valery N. Charushin

Full Text: [PDF \(481K\)](#)

Supplementary Material: [PDF \(1,583K\)](#)

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Antimycobacterial activity - MIC, 0.75-12.5 $\mu\text{g}/\text{mL}$

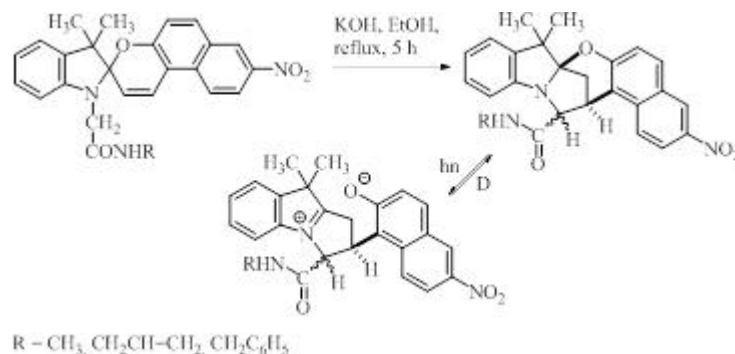
received Mar 15 2014; accepted Jun 18 2014; published Aug 10 2014;

18. Synthesis, crystal structures, and laser flash photolysis of 3-nitro-7a,15-methanonaphtho[1',2':6,7][1,3]oxazepino[3,2-a]indole derivatives (14-8727IP)

Greta Ragaitė, Vytas Martynaitis, Kipras Redekas, Vladislava Voiciuk, Mikas Vengris and Algirdas Āšačkus

Full Text: [PDF \(434K\)](#)

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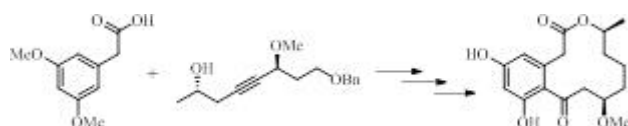
received Apr 14 2014; accepted Jun 5 2014; published Aug 10 2014;

19. An efficient stereoselective total synthesis of 11 β -methoxycurvararin (14-8453GP)

J. S. Yadav, C. Divya Vani, N. Bhasker and B. V. Subba Reddy

Full Text: [PDF \(104K\)](#)

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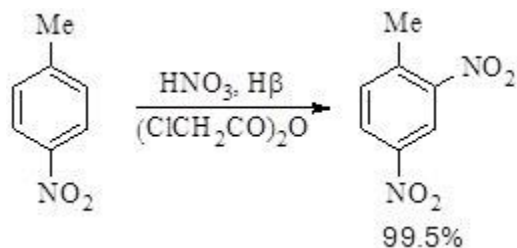
received Oct 5 2013; published Aug 10 2014;

20. Regioselective nitration of 2- and 4-nitrotoluenes over systems comprising nitric acid, an acid anhydride and a zeolite (14-8788UP)

Keith Smith, Mohammad Hayal Alotaibi and Gamal A. El-Hiti

Full Text: [PDF \(299K\)](#)

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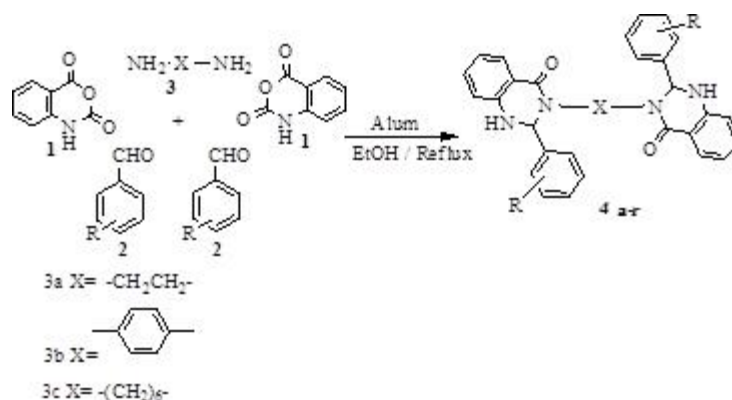
21. One-pot five-component reaction for synthesis of some novel bis-dihydroquinazolinone derivatives (14-8715VP)

Ali A. Mohammadi, Salman Tahery and Saber Askari

Full Text: [PDF \(325K\)](#)

Supplementary Material: [PDF \(4,638K\)](#)

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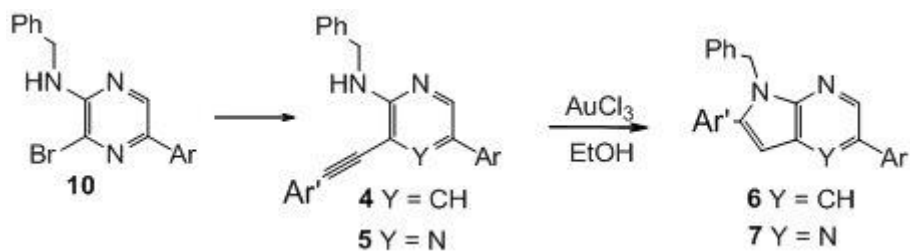
received Apr 5 2014; accepted Jun 18 2014; published Aug 23 2014;

22. Gold catalysis in the synthesis of azaindoles: pyrrolo[2,3-b]pyridines and pyrrolo[2,3-b]pyrazines (14-8720NP)

Elena Gala, Marta Cordoba, M. Luisa Izquierdo and Julio Alvarez-Builla

Full Text: [PDF \(251K\)](#)

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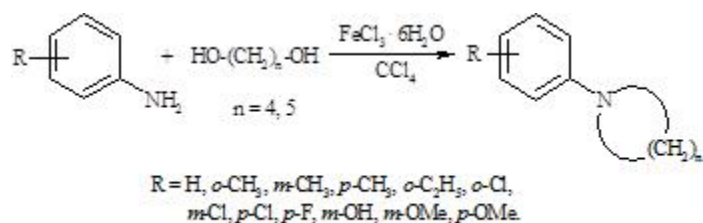
23. Synthesis of N-aryl-substituted pyrrolidines and piperidines by reaction of anilines with α,ω -diols catalyzed by $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$ in carbon tetrachloride (14-8743QP)

Ravil I. Khusnutdinov, Alfiya R. Bayguzina, Rigina S. Asylbaeva, Rishat I. Aminov and Usein M. Dzhemilev

Full Text: [PDF \(385K\)](#)

Supplementary Material: [PDF \(1,359K\)](#)

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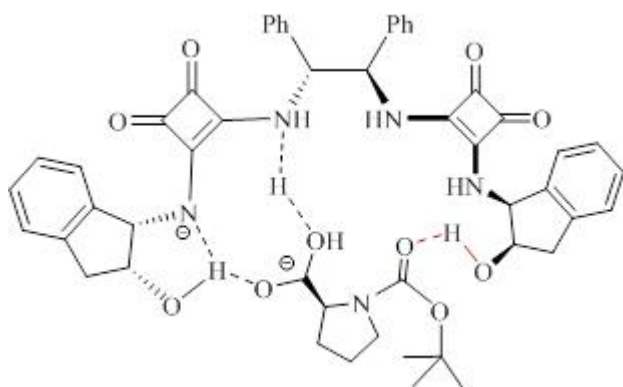
24. Design and synthesis of novel C₂-symmetric chiral shift reagents derived from squaramide and their recognition of anions and chiral carboxylate anions (14-8522YP)

Enshan Zhou, Jin Zhang, Yuzhi Lu and Chune Dong

Full Text: [PDF \(544K\)](#)

Supplementary Material: [PDF \(1,194K\)](#)

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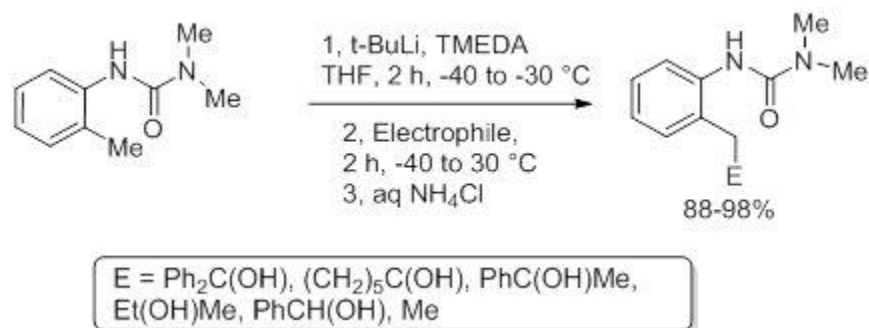
received Nov 18 2013; accepted Jun 12 2014; published Sep 13 2014;

25. Lateral lithiation and substitution of *N'*-(2-methylphenyl)-*N,N*-dimethylurea (14-8800JP)

Keith Smith, Gamal A. El-Hiti, Sadiq A. Al-Mansury, Mohammed B. Alshammari and Asim A. Balakit

Full Text: [PDF \(117K\)](#)

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received Jun 9 2014; accepted Jul 11 2014; published Sep 17 2014;

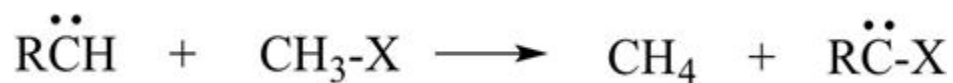
26. Singlet carbene stability: linear free energy analysis of substituent effects (14-8790QP)

Ronald R. Sauers

Full Text: [PDF \(266K\)](#)

Supplementary Material: [PDF \(5,874K\)](#)

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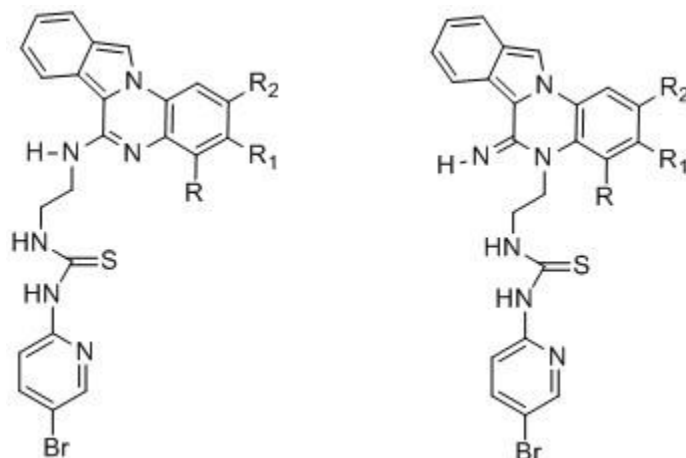
received May 30 2014; accepted Aug 17 2014; published Sep 18 2014;

27. Synthesis of substituted isoindolo[2,1-a]quinoxalin-6-yl- α -amino and 6-imino-5-yl thiourea derivatives (14-8858OP)

Barbara Parrino, Cristina Ciancimino, Chandrakant Sarwade, Virginia Span \tilde{A} ², Alessandra Montalbano, Paola Barraja, Girolamo Cirrincione, Patrizia Diana and Anna Carbone

Full Text: [PDF \(131K\)](#)

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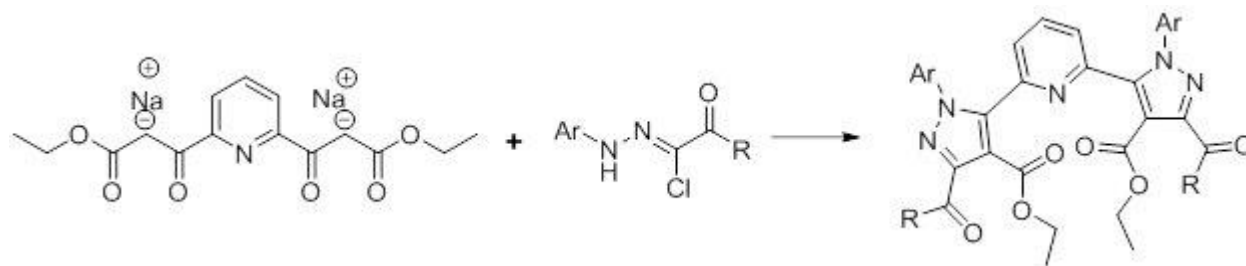
received Jul 22 2014; accepted Sep 15 2014; published Sep 19 2014;

28. Synthesis of some new 2,6-bis pyridines incorporating with tetra-substituted pyrazole heterocycles (14-8775IP)

Korany A. Ali

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received May 22 2014; accepted Aug 2 2014; published Sep 23 2014;

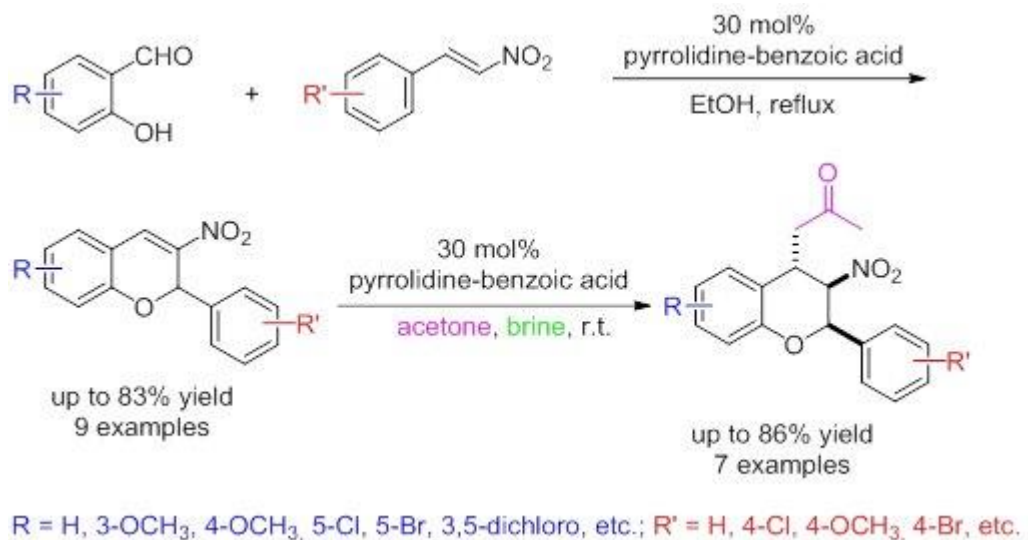
29. Facile access to 2-aryl-3-nitro-2H-chromenes and 2,3,4-trisubstituted chromanes (14-8801UP)

Ping-An Wang, Dong-Xu Zhang and Xue-Ying Liu

Full Text: [PDF \(214K\)](#)

Supplementary Material: [PDF \(1,969K\)](#)

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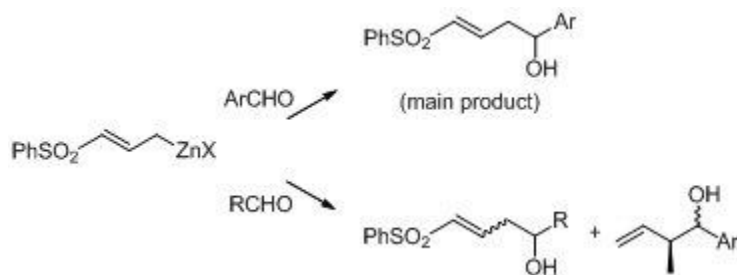
received Jun 10 2014; accepted Aug 2 2014; published Sep 23 2014;

30. Reactions of aldehydes with organozinc reagents derived from (*E*)-3-bromo- and (*E*)-3-iodo-1-phenylsulfonylprop-1-ene (14-8741SP)

Eva M. Gallagher and D. H. Grayson

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