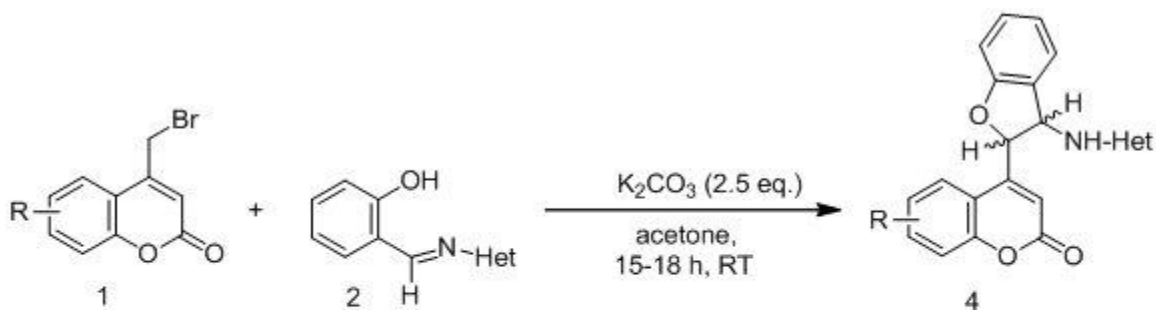


1. Synthesis, modeling and biological studies on 4-2'(2, 3- dihydrobenzofuranyl) coumarins (12-6659IP)

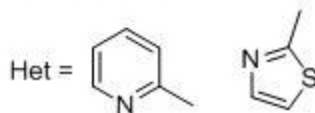
Naazneen B. Yaragatti, Manohar V. Kulkarni and Igor N. Shcherbakov

Full Text: [PDF \(1,173K\)](#)

pp. 1 - 16



R = 6-CH₃, 7-CH₃, 5, 7-CH₃, 7, 8-CH₃, 6-Cl, 6-OCH₃, 5, 6- Benzo, 7, 8- Benzo



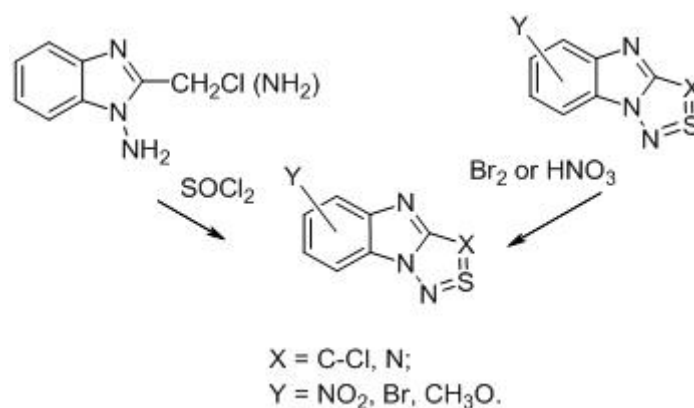
received Jun 7 2011; accepted Feb 11 2012; published Jun 9 2012;

2. Synthesis of substituted 2λ⁴δ²-[1,2,3]thiadiazolo[3,4-c]benzimidazoles and 2λ⁴δ²-[1,2,3,5]thiatriazolo[3,4-c]benzimidazoles (12-7101SP)

Linas Labanauskas, Virginija Dudutiene, Gintaras Urbelis, Jonas Sarlauskas, Jurgis Sudzius, Daumantas Matulis, Romualdas Striela and Albinas Zilinskas

Full Text: [PDF \(303K\)](#)

pp. 17 - 26



received Nov 15 2011; accepted May 9 2012; published Jun 11 2012;

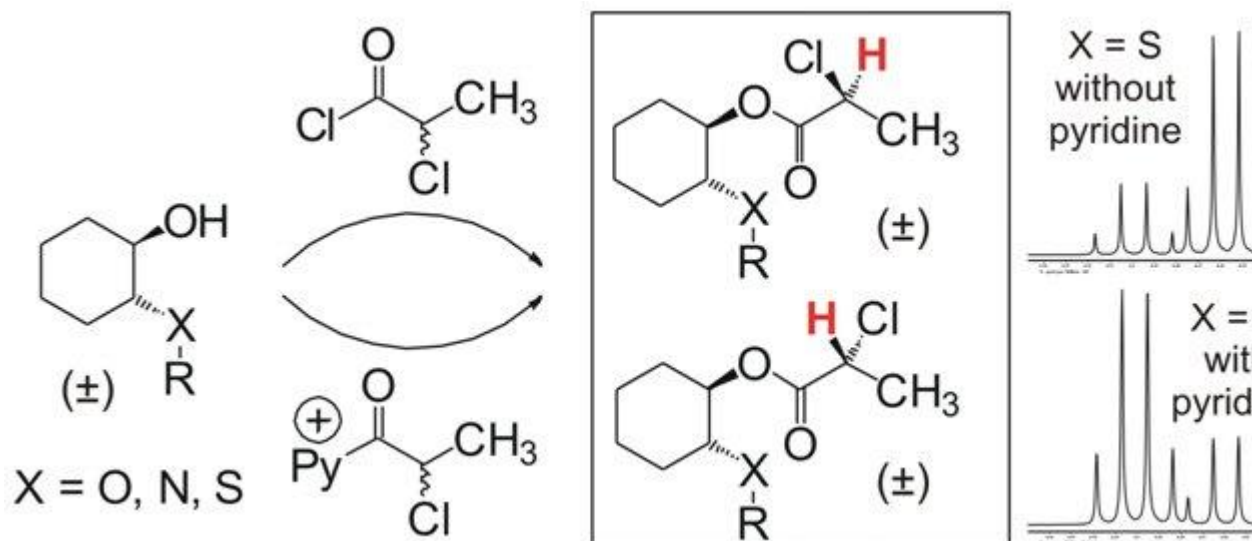
3. The first example of amine-induced reversal of diastereoselectivity in acylation of some *trans*-2-substituted cyclohexanols (12-7272SP)

Andrey V. Samoshin, Jasper Visser, Matthew Curtis, Vyacheslav V. Samoshin and Andreas H. Franz

Full Text: [PDF \(234K\)](#)

Supplementary Material: [PDF \(645K\)](#)

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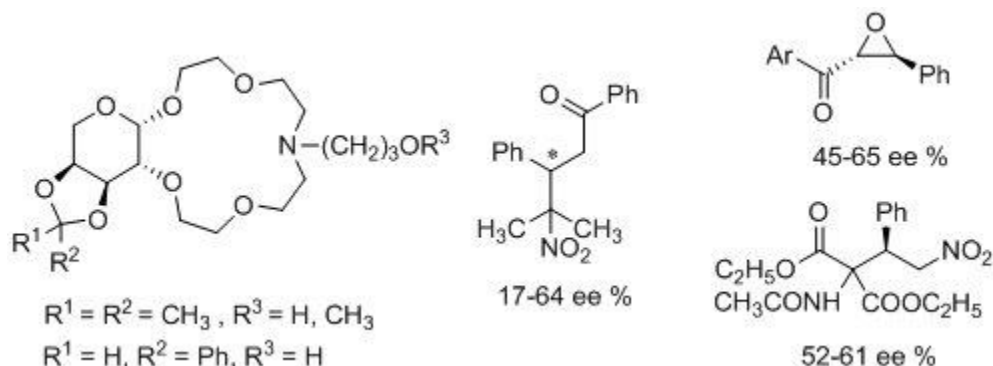
received Jan 29 2012; accepted Apr 25 2012; published Jun 15 2012;

4. Synthesis of *L*-arabinose-based crown ethers and their applications as enantioselective phase transfer catalysts (12-7084OP)

Tamás Szabó³, Zsolt Rapi, György Keglevich, Áron Székely³, László³ Drahos and Péter Bak³

Full Text: [PDF \(196K\)](#)

pp. 36 - 48



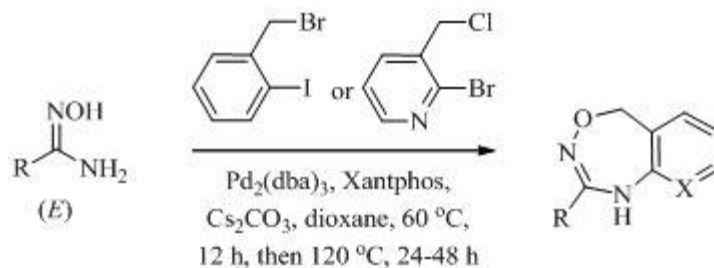
received Nov 7 2011; accepted Apr 1 2012; published Jun 17 2012;

5. A new pathway for the preparation of biologically active 2 substituted 1,5-dihydrobenzo[e][1,2,4]oxadiazepines and related compounds by palladium-catalyzed cyclization of amidoximes with *o*-iodobenzyl bromide or 2-bromo-3-chloromethylpyridine (12-7260SP)

Edgars Abele, Lena Golomba, Tatjana Beresneva, Julija Visnevskaja, Elina Jaschenko, Irina Shestakova, Anita Gulbe, Solveiga Grinberga, Sergey Belyakov and Ramona Abele

Full Text: [PDF \(669K\)](#)

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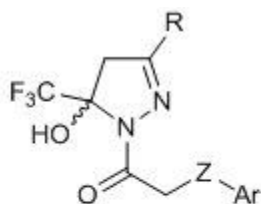
received Jan 24 2012; accepted Apr 1 2012; published Jun 17 2012;

6. Regioselective synthesis and antimicrobial evaluation of new 1-aryloxyacetyl-, 1-thiophenoylacetyl- and 1-phenylaminoacetyl-substituted 3-alkyl(aryl/heteroaryl)-5-trifluoromethyl-5-hydroxy-4,5-dihydro-1H-pyrazoles (12-7129SP)

Helio Gauze Bonacorso, Everton P. Pittaluga, Sydney H. Alves, Larissa F. Schaffer, Susiane Cavinatto, Liliane M. F. Porte, Gisele R. Paim, Marcos A. P. Martins and Nilo Zanatta

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

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(20 examples, one step reaction, up to 96% yield)

Ar = 2-Naphthyl, C₆H₅

Z = O, S, NH

R = H, Me, Ph, 2-Furyl, 1-Naphthyl

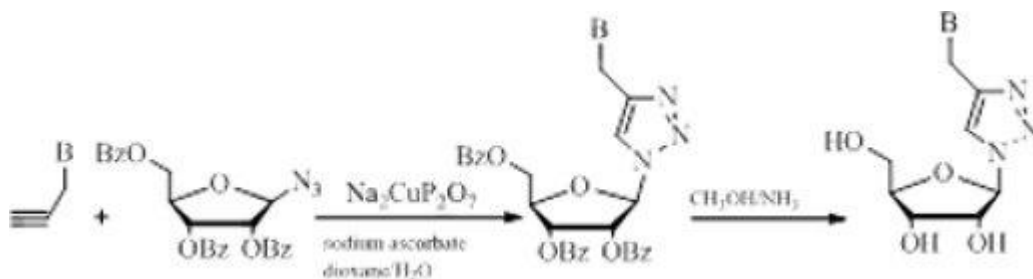
received Nov 29 2011; accepted Feb 18 2012; published Jun 17 2012;

7. Preparation of 1,4-disubstituted-1,2,3-triazolo ribonucleosides by Na₂CuP₂O₇ catalyzed azide-alkyne 1,3-dipolar cycloaddition (12-7210JP)

Hanane Elayadi, Mohamed Mesnaoui, Brent E. Korba, Michael Smietana, Jean Jacques Vasseur, John A. Secrist and Hassan B. Lazrek

Full Text: [PDF \(516K\)](#)

pp. 76 - 89



received Dec 29 2011; accepted Apr 13 2012; published Jun 21 2012;

8. Nucleoside-metallacarborane conjugates - synthesis of a uridine - bearing 3,3,3-(CO)₃-closo-3,1,2-ReC₂B₉H₁₀ complex (12-7326ZP)

Agnieszka Bogusława Olejniczak

Full Text: [PDF \(107K\)](#)

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received Feb 24 2012; accepted May 30 2012; published Jun 24 2012;

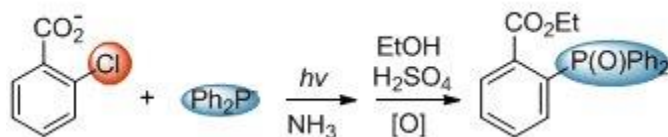
9. Photostimulated synthesis of 2-(diphenylphosphino)benzoic acid by the S_{RN}1 reaction (12-7461DP)

Silvia M. Barolo, Sandra E Martiñan and Roberto A. Rossi

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

Supplementary Material: [PDF \(864K\)](#)

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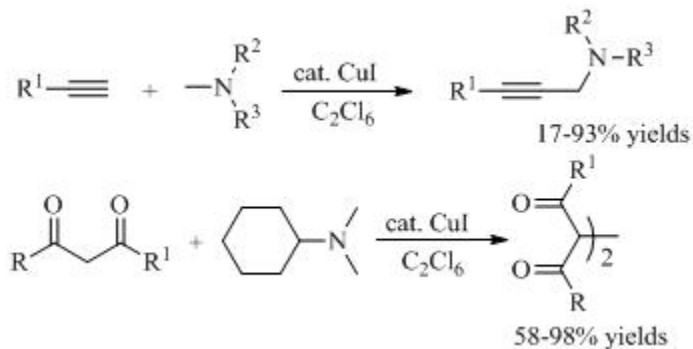
received Apr 24 2012; accepted May 19 2012; published Jun 24 2012;

10. Functionalization of aliphatic tertiary amines mediated by hexachloroethane/cat. copper: synthesis of propargylic amines and methylene-bridged bis-1,3-dicarbonyl derivatives (12-7391JP)

Xiaoliang Xu, Zhichuang Ge, Dongping Cheng and Xiaonian Li

Full Text: [PDF \(340K\)](#)

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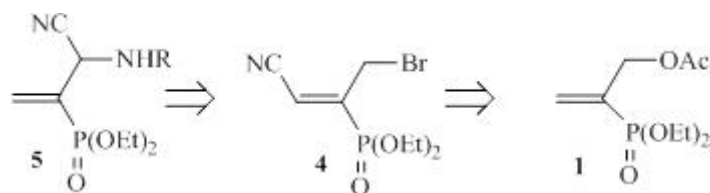
received Mar 29 2012; accepted May 15 2012; published Jun 26 2012;

11. A practical synthesis of diethyl 1-[(alkylamino)(cyano)methyl]vinylphosphonates (12-7121HP)

Asma Fray, Jihãne Ben Kraãm, Abdelaziz Souizi and Hassen Amri

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

pp. 119 - 127



received Nov 25 2011; accepted Mar 20 2012; published Jun 29 2012;

12. Hydrogen transfer reduction of nitriles in DBU based ionic liquids (12-6477MP)

Xinzhi Chen, Shaodong Zhou and Chao Qian

Full Text: [PDF \(211K\)](#)

pp. 128 - 136



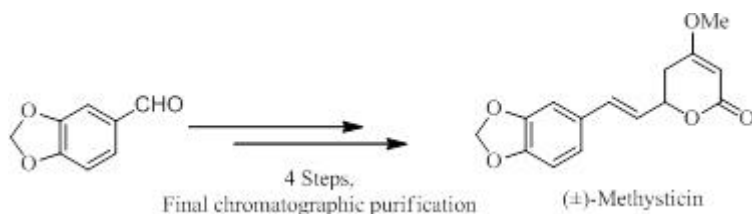
received Mar 30 2011; accepted May 11 2012; published Jun 29 2012;

13. Economically viable efficient synthesis of (±)-methysticin: a component in kava potentially responsible for its cancer chemopreventive activity (12-6733HP)

Ahmad Ali Shaik, Jonathan Tan, Junxuan Li and Chengguo Xing

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

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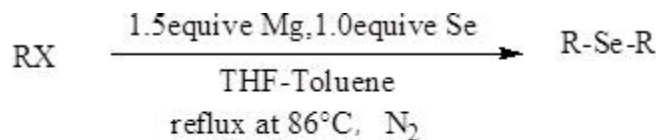
received Jun 30 2011; accepted Jun 14 2012; published Jun 29 2012;

14. A novel and efficient synthesis of selenides (12-7355HP)

He M. Lin, Yu Tang, Zhi H. Li, Kun D. Liu, Jun Yang and Yuan M. Zhang

Full Text: [PDF \(297K\)](#)

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R=Aryl and Alkyl X=Cl,Br,I

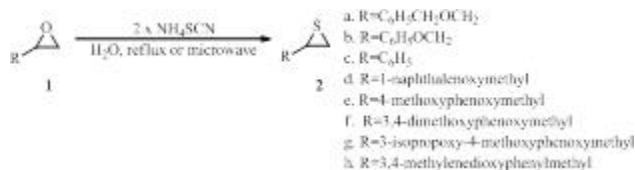
received Mar 9 2012; accepted Jun 14 2012; published Jun 29 2012;

15. An improved method for the conversion of oxiranes to thiiranes and the discrimination of their base peaks in EI-MS (12-7346JP)

Hsing-Ming Chen, Po-Yuan Chen, Chih-Feng Wang, Jui-Chi Tsai and Eng-Chi Wang

Full Text: [PDF \(454K\)](#)

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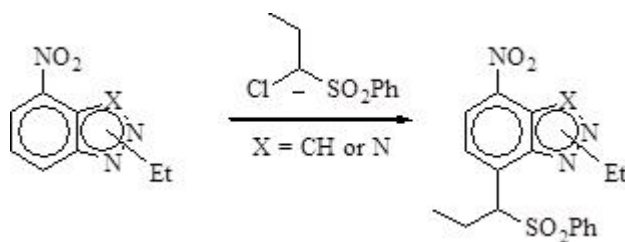
received Mar 6 2012; accepted May 15 2012; published Jul 3 2012;

16. On the reactions of tertiary carbanions with some nitroindazoles and nitrobenzotriazoles (12-7388VP)

Marek K. Bernard, Jacek Kujawski, Urszula Skierska, Andrzej K. Gzella and Wojciech Jankowski

Full Text: [PDF \(651K\)](#)

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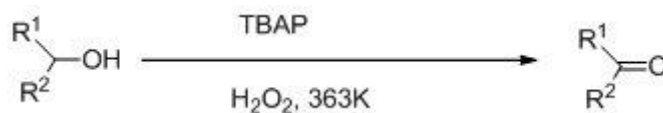
received Mar 27 2012; accepted Jun 9 2012; published Jul 3 2012;

17. Oxidation of alcohols with hydrogen peroxide in the presence of a new triple-site phosphotungstate (12-7275ZP)

Ying He, Xiaoyun Ma and Ming Lu

Full Text: [PDF \(347K\)](#)

pp. 187 - 197



received Jan 30 2012; accepted Jul 8 2012; published Jul 22 2012;

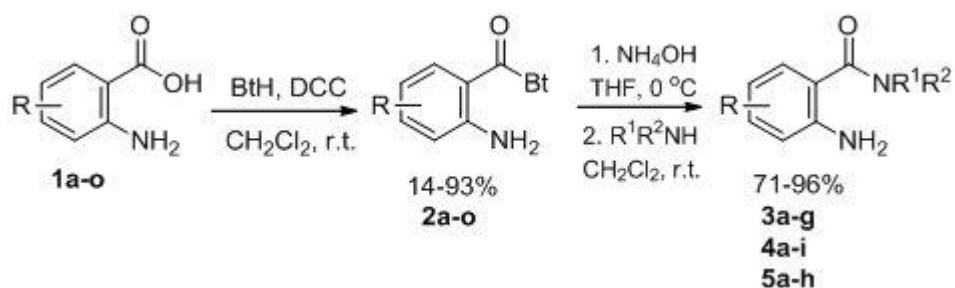
18. A new protocol for the synthesis of primary, secondary and tertiary anthranilamides utilizing *N*-(2-aminoaryl)benzotriazoles (12-7369BP)

Nevin Kanişkan, Şule Kâşıkten and İlhami Aşelik

Full Text: [PDF \(467K\)](#)

Supplementary Material: [PDF \(5,309K\)](#)

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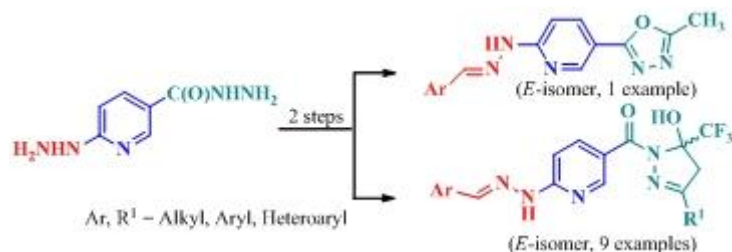
received Mar 19 2012; accepted Jun 28 2012; published Jul 22 2012;

19. 6-Hydrazinonicotinic acid hydrazide: an useful precursor for chemo- and regioselective synthesis of new heteroaryl-linked pyridinohydrazones (12-7363MP)

Helio Gauze Bonacorso, Gisele Rocha Paim, Liliane Medianeira Favero Porte, Everton Pedebos Pittaluga, Marcos Antonio Pinto Martins and Nilo Zanatta

Full Text: [PDF \(336K\)](#)

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received Mar 14 2012; accepted Jun 19 2012; published Jul 27 2012;

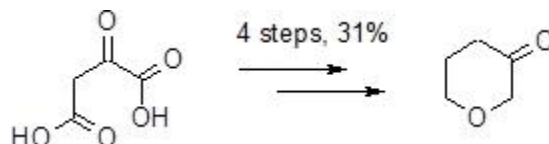
20. Synthesis of dihydro-2H-pyran-3(4H)-one (12-7376MP)

Andrey P. Mityuk, Aleksandr V. Denisenko, Oleksandr O. Grygorenko and Andrey A. Tolmachev

Full Text: [PDF \(73K\)](#)

Supplementary Material: [PDF \(667K\)](#)

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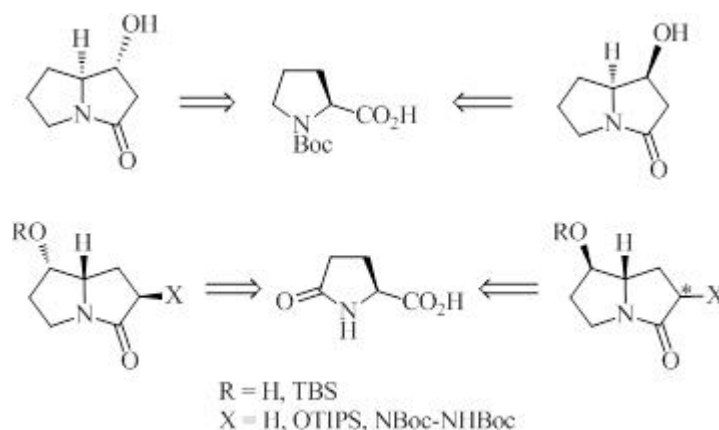
received Mar 22 2012; accepted Jul 21 2012; published Aug 13 2012;

21. Asymmetric syntheses of functionalized pyrrolizidin-3-ones (12-7254OP)

Christine Greck, Christine Thomassigny and G rardine Le Bouc

Full Text: [PDF \(821K\)](#)

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received Jan 20 2012; accepted May 28 2012; published Aug 13 2012;

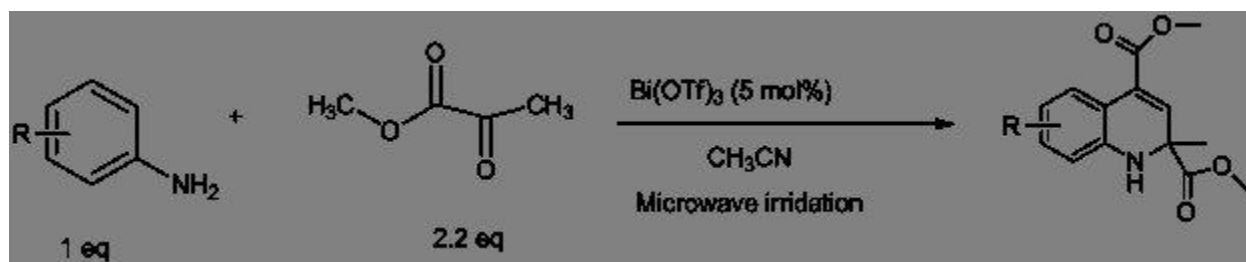
22. An efficient method for the preparation of 2,2,4-trisubstituted 1,2-dihydroquinolines using catalytic amount Bi(OTf)₃ as catalyst (12-7274MP)

Zeynep G zltekin and Wolfgang Frey

Full Text: [PDF \(700K\)](#)

Supplementary Material: [PDF \(4,644K\)](#)

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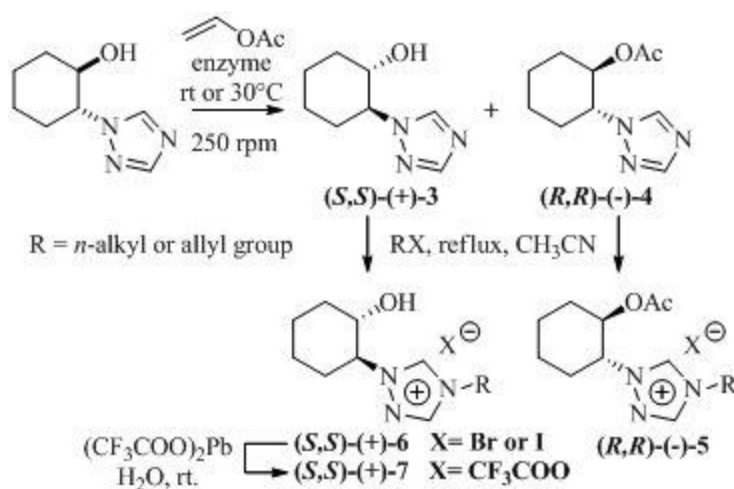
received Jan 30 2012; accepted Jul 11 2012; published Aug 21 2012;

23. Preparation and thermal stability of optically active 1,2,4-triazolium-based ionic liquids (12-7601JP)

Paweł Borowiecki, Marcin Poterała, Jan Maurin, Monika Wielechowska and Jan Plenkiewicz

Full Text: [PDF \(718K\)](#)

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received Jun 18 2012; accepted Aug 2 2012; published Aug 26 2012;

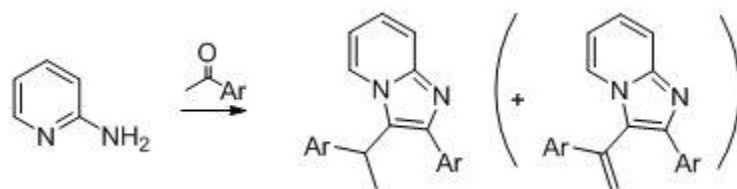
24. Fast and efficient direct conversion of 2-aminopyridine into 2,3-disubstituted imidazo[1,2-*a*]pyridines (12-7379OP)

Vanya B. Kurteva, Lubomir A. Lubenov, Daniela V. Nedeltcheva, Rositsa P. Nikolova and Boris L. Shivachev

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

Supplementary Material: [PDF \(281K\)](#)

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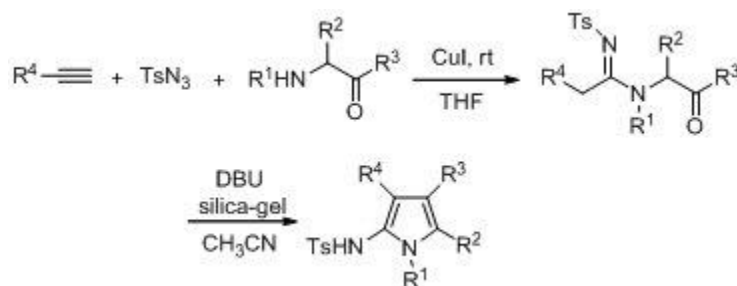
received Mar 23 2012; accepted Jul 25 2012; published Aug 26 2012;

25. Synthesis of multisubstituted pyrroles via a CuI-catalyzed three-component coupling and a 1,8-diazabicyclo[5.4.0]undec-7-ene (DBU) / silica-gel promoted cyclization (12-7511GP)

Wanli Chen, Lina Jin, Yinghong Zhu and Weimin Mo

Full Text: [PDF \(300K\)](#)

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received May 15 2012; accepted Aug 7 2012; published Aug 26 2012;

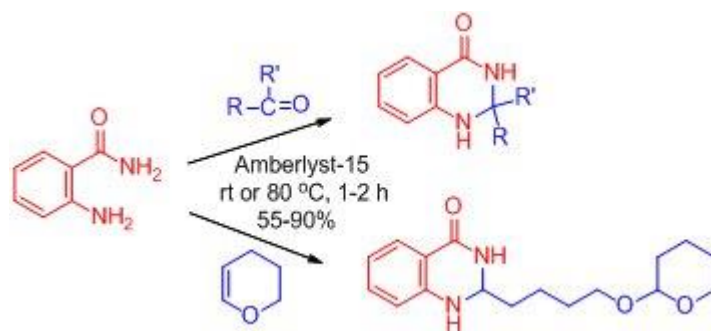
26. Efficient synthesis of 2,3-dihydroquinazolin-4(1H)-ones using heterogeneous solid acid catalysts: unexpected formation of 2,3-dihydro-2-(4-(tetrahydro-2H-pyran-2-yloxy)butyl)-quinazolin-4(1H)-one (12-7177VP)

Sandip Bibishan Bharate, Nagaraju Mupparapu, Sudhakar Manda, Jaideep B. Bharate, Ramesh Mudududda, Rammohan R. Yadav and Ram A. Vishwakarma

Full Text: [PDF \(185K\)](#)

Supplementary Material: [PDF \(371K\)](#)

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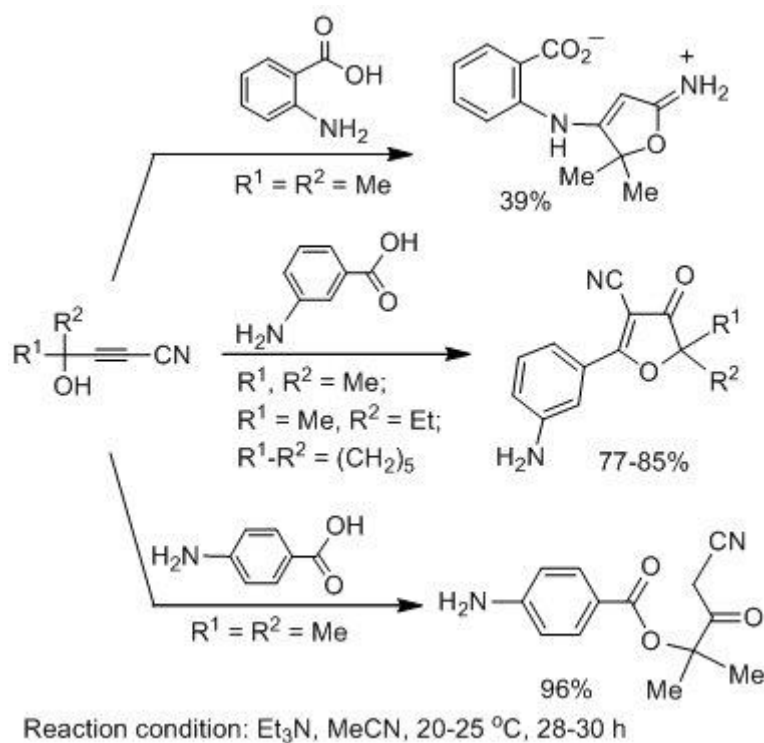
received Dec 14 2011; accepted Jul 26 2012; published Aug 26 2012;

27. Peculiarities of the tandem reaction between cyanoacetylenic alcohols and aminobenzoic acids: Synthesis of 5,5-dialkyl-2-(3-aminophenyl)-4-oxo-4,5-dihydrofuran-3-carbonitriles (12-7095FP)

Olesya A. Shemyakina, Anastasiya G. Mal'kina, Valentina V. Nosyreva, Igor A. Ushakov and Boris A. Trofimov

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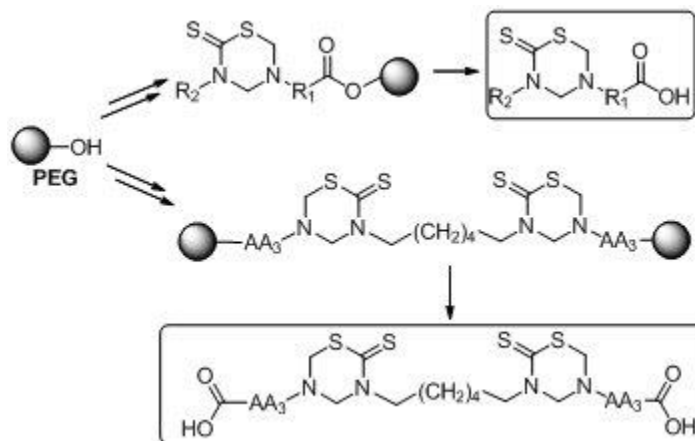
received Nov 13 2011; accepted Jul 28 2012; published Aug 26 2012;

28. Liquid phase organic synthesis of 3,5-disubstituted 1,3,5-thiadiazinane-2-thione derivatives on polyethylene glycol (PEG) support (12-7344YP)

Hortensia Rodríguez, Julieta Coro, Margarita Suárez, Roberto Martínez-Álvarez, Nazario Martín and Fernando Albericio

Full Text: [PDF \(437K\)](#)

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received Mar 1 2012; accepted Jul 19 2012; published Sep 9 2012;