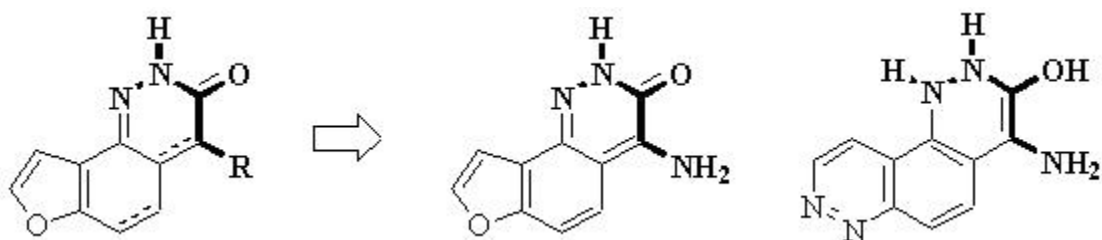


1. Investigation of furo[2,3-*h*]- and pyridazino[3,4-*f*]cinnolin-3-ol scaffolds as substrates for the development of novel HIV-1 integrase inhibitors (11-5898GP)

Mohamed F. Y. Gomaa, Nicolino Pala, Marco Derudas, Jehan Abd-Elrazik Hasanen, El-Sayed H. El-Tamany, Paola Casule, Alberto Mariani and Mario Sechi

Full Text: [PDF \(420K\)](#)

pp. 1 - 14



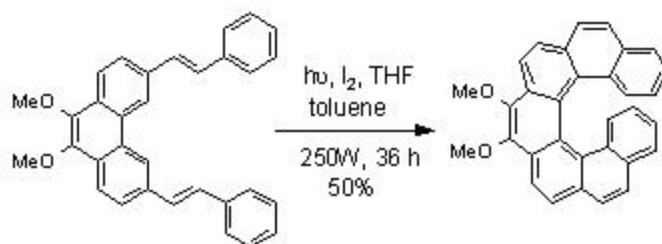
received Sep 26 2010; accepted Mar 20 2011; published Apr 19 2011;

2. Expeditious synthesis of helicenes using an improved protocol of photocyclodehydrogenation of stilbenes (11-5753JP)

Harish R. Talele, Anju R. Chaudhary, Parthiv R. Patel and Ashutosh V. Bedekar

Full Text: [PDF \(461K\)](#)

pp. 15 - 37



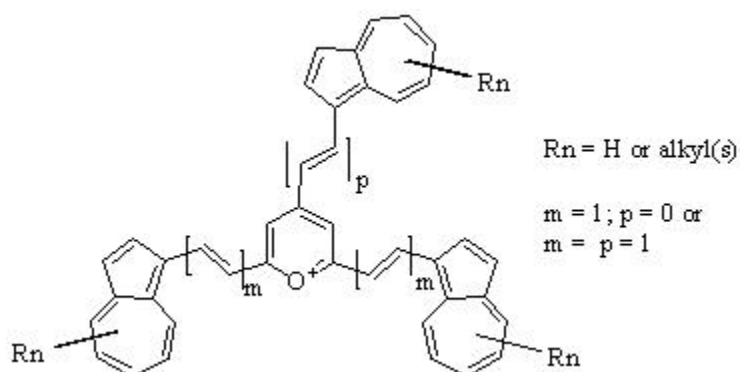
received Aug 17 2010; accepted Feb 12 2011; published Apr 19 2011;

3. Pyrylium salts with 2-(azulen-1-yl) vinyl substituents in 2-, 4- and/or 6-positions (11-6255HP)

Alexandru C. Razus, Liliana Cristian, Simona Nica, Oana Zaharia and Anamaria Hanganu

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

pp. 38 - 50



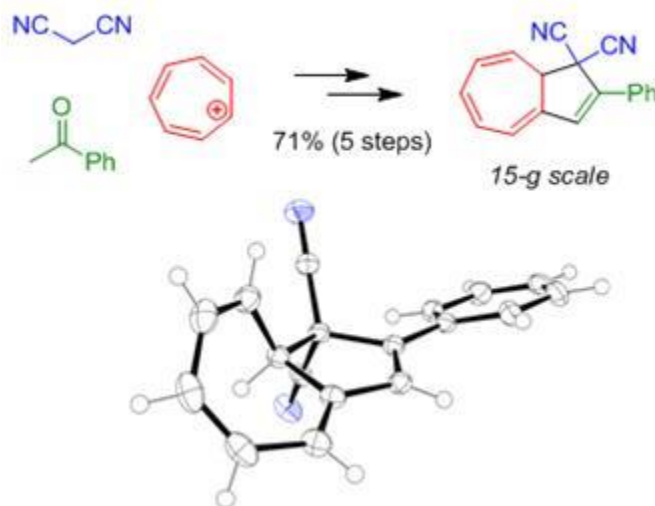
received Jan 11 2011; accepted Mar 3 2011; published Apr 19 2011;

4. Optimized synthesis and detailed NMR spectroscopic characterization of the 1,8a-dihydroazulene-1,1-dicarbonitrile photoswitch (11-6034DP)

Sören Lindbäck, Mikael Broman, Sophie Lehn Brand, Christian Richard Parker, Michael Axman Petersen, Christian Gregers Tortzen, Anders Kadziola, Kristine Kilså and Mogens Brøndsted Nielsen

Full Text: [PDF \(1,001K\)](#)

pp. 51 - 67



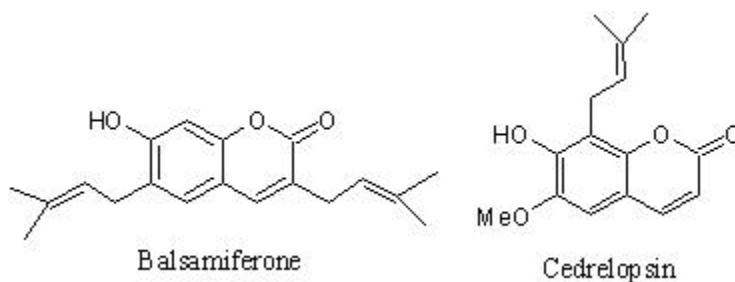
received Nov 5 2010; accepted Feb 7 2011; published Apr 19 2011;

5. Synthesis of the naturally occurring prenylated coumarins balsamiferone and cedrelopsin by domino reactions (11-5939OP)

Rupesh E. Patre, Perunninakulath S. Parameswaran and Santosh G. Tilve

Full Text: [PDF \(228K\)](#)

pp. 68 - 76



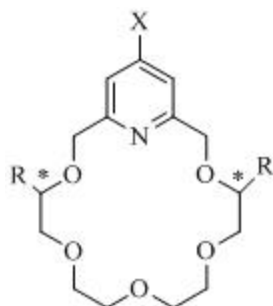
received Oct 9 2010; accepted Feb 12 2011; published Apr 19 2011;

6. Synthesis of new enantiopure dimethyl- and diisobutyl -substituted pyridino-18-crown-6 ethers containing a halogen atom or a methoxy group at position 4 of the pyridine ring for enantiomeric recognition studies (11-6200JP)

János Kupai, Péter Huszthy, Kata Székely, Tünde Tóth and László Páirkányi

Full Text: [PDF \(815K\)](#)

pp. 77 - 93



(*S,S*)-1: X=Cl, R=*i*-Bu
(*S,S*)-2: X=Br, R=Me
(*S,S*)-3: X=Br, R=*i*-Bu
(*S,S*)-4: X=OMe, R=Me
(*S,S*)-5: X=Cl, R=Me

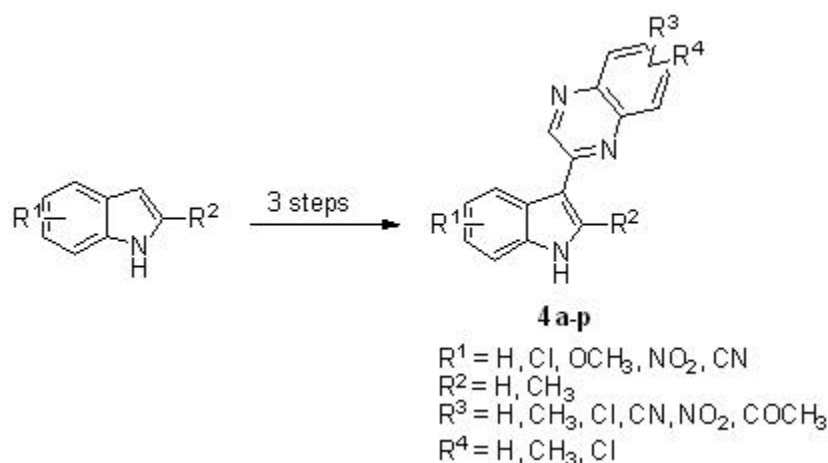
received Dec 22 2010; accepted Apr 8 2011; published Apr 24 2011;

7. Facile synthesis of biologically important indole based quinoxalines (11-6111OP)

Sukanta Kamila, Haribabu Ankati and Edward R. Biehl

Full Text: [PDF \(350K\)](#)

pp. 94 - 104



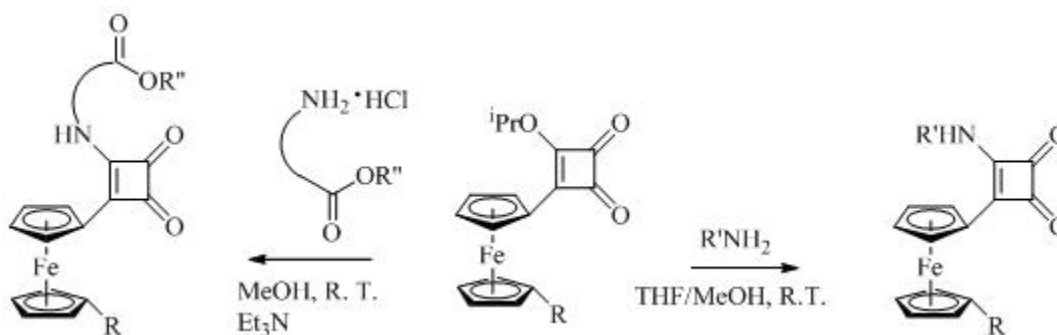
received Nov 29 2010; accepted Mar 28 2011; published Apr 27 2011;

8. Study of the reactivity of squarylferrocenes. Addition of amines and aminoesters (11-6029MP)

Fabian Villanueva-Garcia, Priscilla Reyes, Keith H. Pannell, Alejandro Alvarez-Hernandez, Ismael Valois, Juan M. Juarez-Ruiz, Juan O. Flores-Rizo and Eduardo Pena-Cabrera

Full Text: [PDF \(650K\)](#)

pp. 105 - 124



received Nov 3 2010; accepted Feb 28 2011; published Apr 30 2011;

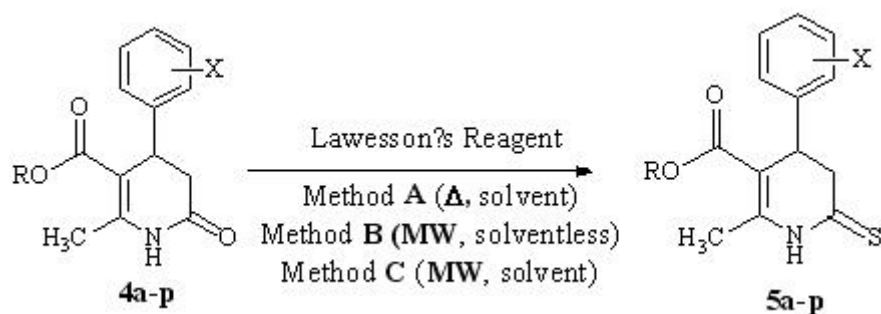
9. High-throughput preparation of alkyl 4-aryl substituted-2-methyl-6-thioxo-1,4,5,6-tetrahydropyridine-3-carboxylates under microwave irradiation (11-5533OP)

Hortensia Rodr  guez, Julieta Coro, Anabel Lam, Esperanza Salfr  n, Javier Rodr  guez-Salarichs, Margarita Su  rez, Fernando Albericio and Nazario Martin

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

Supplementary Material: [PDF \(273K\)](#)

pp. 125 - 141



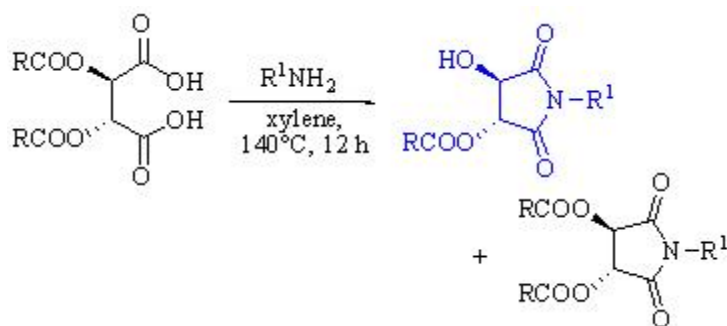
received Jun 20 2010; accepted Mar 21 2011; published May 8 2011;

10. Tartaric acid and its *O*-acyl derivatives. Part 8. Direct synthesis of novel *N*-substituted mono- and diacyltartrimides: unusual reaction course (11-6316DP)

Paweł Ruśkowski, Ludwik Synoradzki and Marek Włostowski

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

pp. 142 - 154



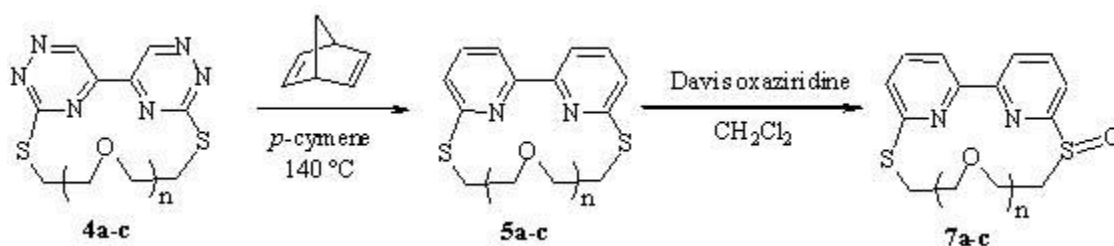
received Feb 4 2011; accepted Apr 6 2011; published May 9 2011;

11. A facile approach to 2,2'-bipyridine based thiacrown ethers and their sulfoxides by DA-rDA reaction of 5,5'-bi-1,2,4-triazine thiamacrocycles. The conformation studies (11-5685MP)

Justyna Ławecka, Zbigniew Karczmazzyk, Ewa Olender, Ewa Wolińska and Danuta Branowska and Andrzej Rykowski

Full Text: [PDF \(423K\)](#)

pp. 155 - 164



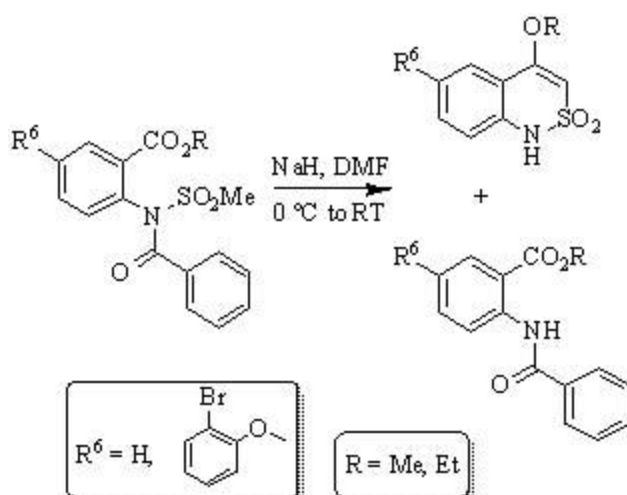
received Jul 28 2010; accepted Mar 21 2011; published May 8 2011;

12. *N*-Benzoyl-*N*-methylsulfonyl anthranilates: unexpected cyclization reaction to 4-alkoxy-2,1-benzothiazines (11-5652GP)

Giuseppe Manfroni, Francesco Meschini, Ferdinando Costantino, Oriana Tabarrini and Violetta Cecchetti

Full Text: [PDF \(468K\)](#)

pp. 165 - 176



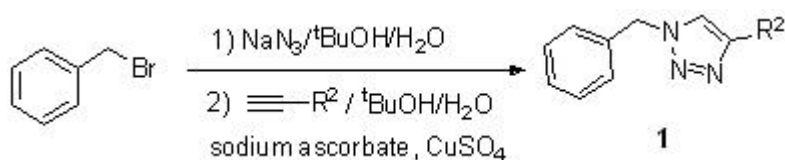
received Jul 21 2010; accepted Apr 7 2011; published May 8 2011;

13. Conventional and microwave assisted synthesis of 1,4-disubstituted 1,2,3-triazoles from Huisgen cycloaddition (11-5346OP)

Juan Ignacio Sarmiento-Sanchez, Adrian Ochoa-Teran and Ignacio A. Rivero,

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

pp. 177 - 188



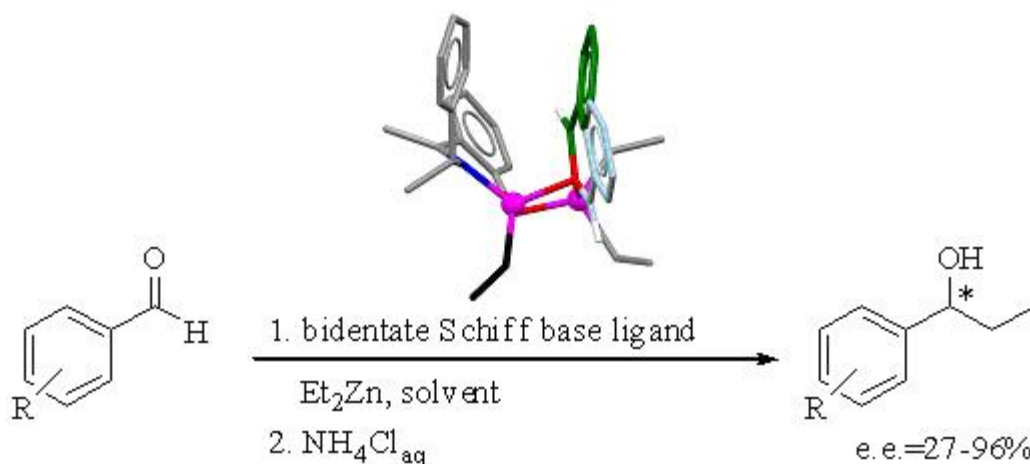
received Apr 27 2010; accepted Mar 21 2011; published May 22 2011;

14. Bidentate Schiff bases derived from (*S*)- α -methylbenzylamine as chiral ligands in the electronically controlled asymmetric addition of diethylzinc to aldehydes (11-6336VP)

Magdalena Jaworska, Mirosław Welniak, Justyna Zięciak, Anna Kozakiewicz and Andrzej Wojtczak

Full Text: [PDF \(507K\)](#)

pp. 189 - 204



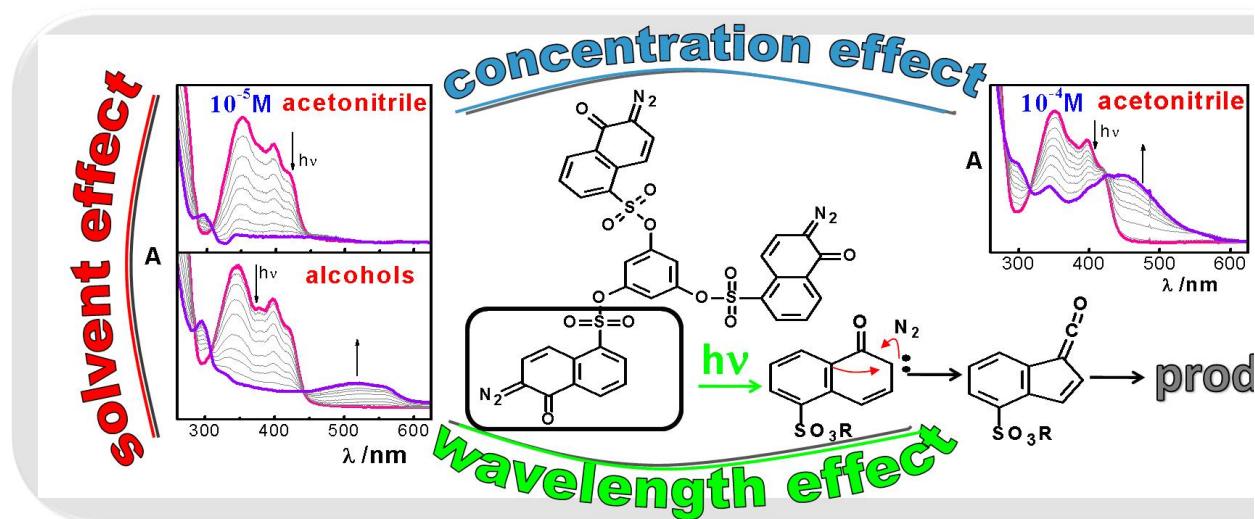
received Feb 10 2011; accepted Apr 6 2011; published May 29 2011;

15. Effects of solvent, excitation wavelength, and concentration on the photobehavior of some diazonaphthoquinones (11-6292QP)

Marco Cipolloni, Pier L. Gentili, Fausto Ortica, Ralph S. Becker, and Gianna Favaro

Full Text: [PDF \(1,462K\)](#)

pp. 205 - 220



received Jan 26 2011; accepted Apr 22 2011; published May 30 2011;

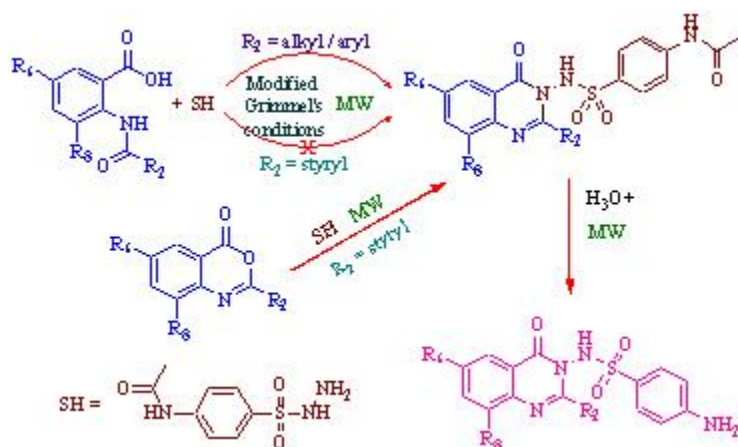
16. A convergent microwave assisted synthesis of 4-amino-*N*-(4-oxo-2-substituted-4*H*-quinazolin-3-yl)benzenesulfonamide derivatives (11-5762OP)

Chandresh L. Jagani, Natvar A. Sojitra, Satish F. Vanparia, Tarosh S. Patel, Ritu B. Dixit and Bharat C. Dixit

Full Text: [PDF \(476K\)](#)

Supplementary Material: [PDF \(1,343K\)](#)

pp. 221 - 237



received Aug 19 2010; accepted Apr 6 2011; published May 31 2011;

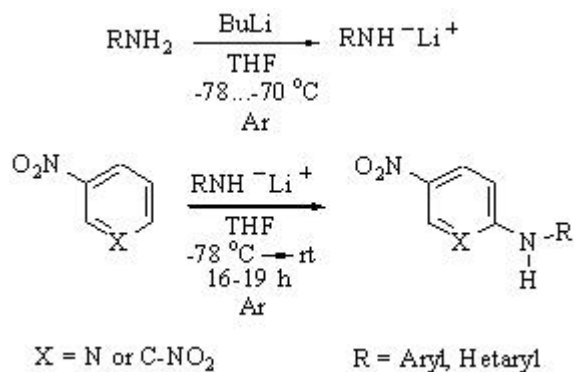
17. Oxidative arylamination of 1,3-dinitrobenzene and 3-nitropyridine under anaerobic conditions: the dual role of the nitroarenes (11-6324VP)

Anna V. Gulevskaya, Inna N. Tyaglivaya, Stefan Verbeeck, Bert U. W. Maes and Anna V. Tkachuk

Full Text: [PDF \(533K\)](#)

Supplementary Material: [PDF \(1,427K\)](#)

pp. 238 - 251



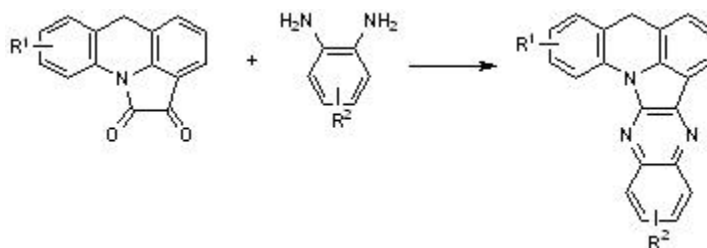
received Feb 7 2011; accepted Mar 21 2011; published May 31 2011;

18. Synthesis of acridan-fused quinoxalines (11-6043DP)

Mahlegha Shamsi, Mehdi M. Baradarani, Arash Afghan and John A. Joule

Full Text: [PDF \(423K\)](#)

pp. 252 - 260



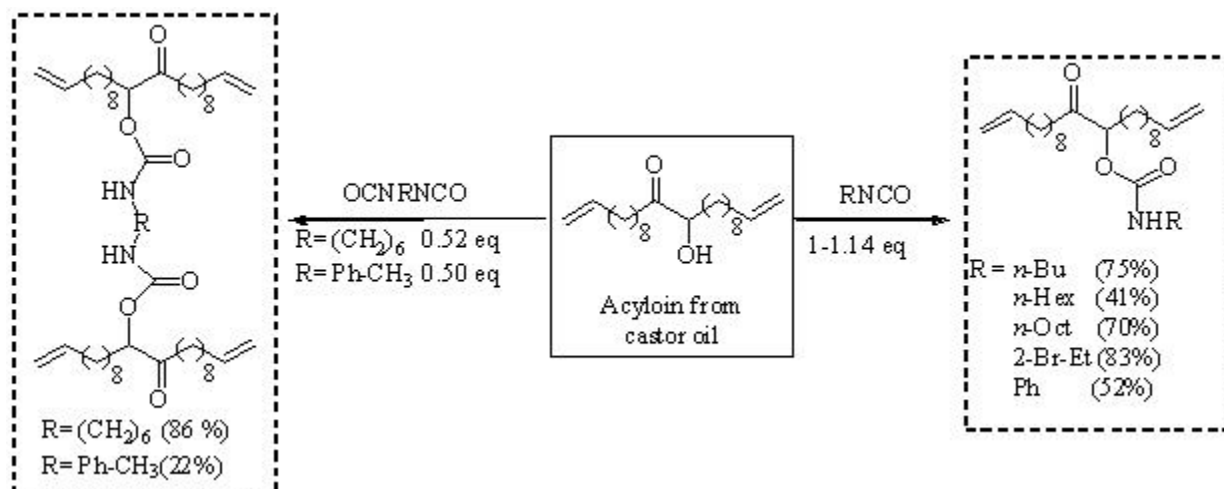
received Nov 8 2010; accepted Apr 7 2011; published May 31 2011;

19. Synthesis of novel urethanes from a castor oil derived C22-acyloin (11-6348NP)

Marijke Van der Steen, Maris Vilums and Christian V. Stevens

Full Text: [PDF \(326K\)](#)

pp. 261 - 271



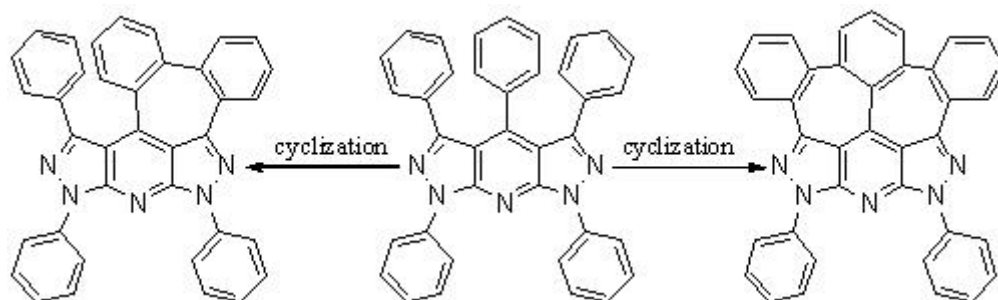
received Feb 16 2011; accepted May 5 2011; published Jun 1 2011;

20. Synthesis of novel twisted heterocyclic analogues of s-indacenes (11-6342UP)

Krzysztof Stanisław Danel, Tomasz Uchacz and Marcin Karelus

Full Text: [PDF \(335K\)](#)

pp. 272 - 280



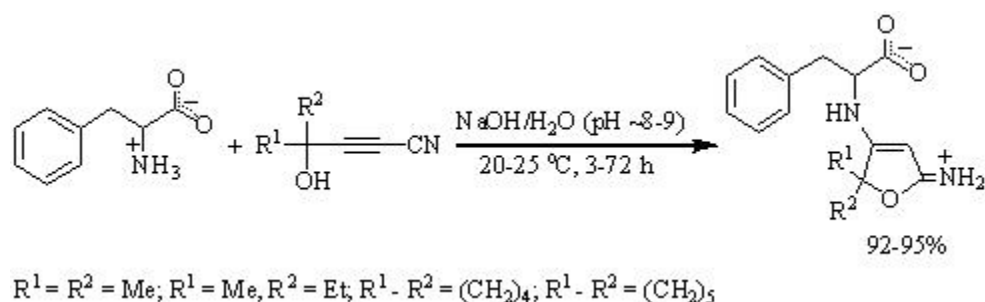
received Feb 14 2011; accepted Mar 21 2011; published Jun 1 2011;

21. Chemo- and regioselective modification of D,L-phenylalanine with α -cyanoacetylenic alcohols in water (11-6290UP)

Anastasiya G. Malâ'kina, Angela P. Borisova, Valentina V. Nosyreva, Olesya A. Shemyakina, Alexander I. Albanov and Boris A. Trofimov

Full Text: [PDF \(366K\)](#)

pp. 281 - 288



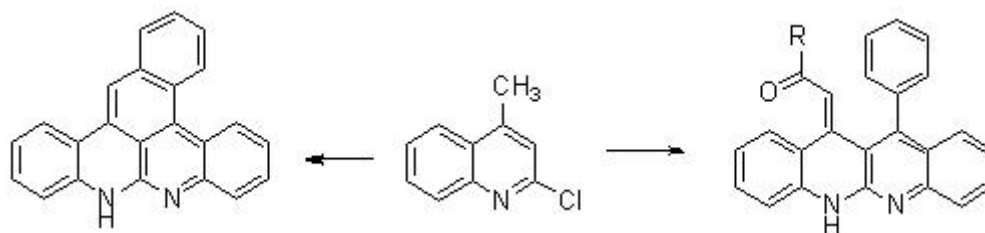
received Jan 25 2011; accepted Mar 30 2011; published Jun 1 2011;

22. Synthesis of linear dibenzo[1,8]naphthyridines using 2-chloro-4-methylquinolines (11-6183HP)

Manickam Manoj and Karnam Jayaramapillai Rajendra Prasad

Full Text: [PDF \(470K\)](#)

pp. 289 - 307



received Dec 15 2010; accepted Apr 8 2011; published Jun 6 2011;

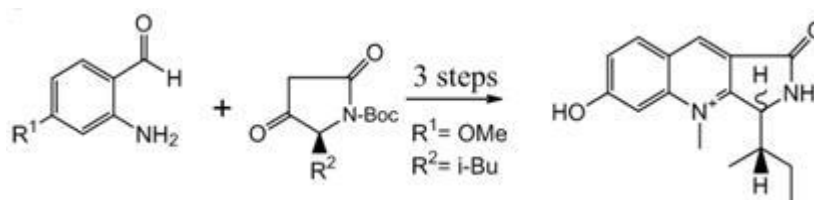
23. Total synthesis of structures proposed for quinocitrinines A and B and their analogs. Microwave energy as efficient tool for generating heterocycles (11-6361NP)

Victoria Machtey, Hugo E. Gottlieb and Gerardo Byk

Full Text: [PDF \(724K\)](#)

Supplementary Material: [PDF \(3,322K\)](#)

pp. 308 - 324



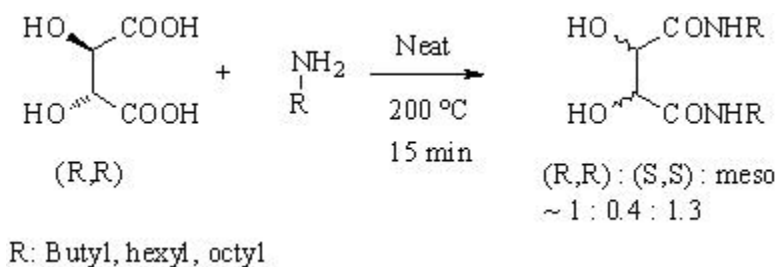
received Feb 20 2011; accepted Apr 8 2011; published Jun 10 2011;

24. Investigation of tartaric acid amide formation by thermolysis of tartaric acids with alkylamines (11-6480DP)

Susana V. Gonzalez and Per Carlsen

Full Text: [PDF \(748K\)](#)

pp. 325 - 336



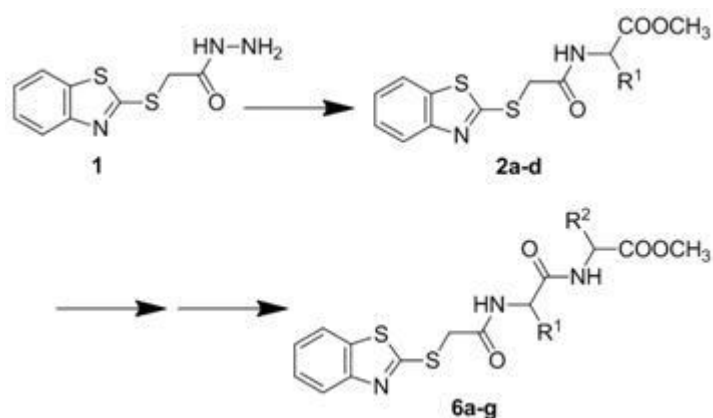
received Mar 31 2011; accepted May 27 2011; published Jun 25 2011;

25. Synthesis and antifungal activity of some 2-benzothiazolylthioacetyl amino acid and peptide derivatives (11-6060HP)

A. Aboelmagd, Ibrahim A. I. Ali, Ezzeldin M. S. Salem and M. Abdel-Razik

Full Text: [PDF \(888K\)](#)

pp. 337 - 353



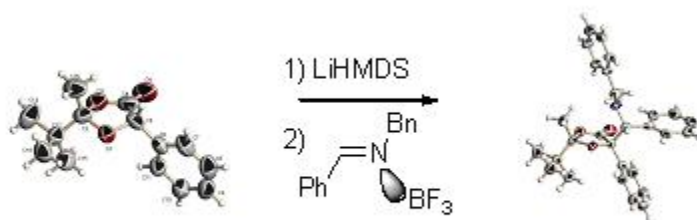
received Nov 11 2010; accepted Apr 6 2011; published Jun 26 2011;

26. Addition reaction of benzylbenzylidenenamine to lithium enolates of 1,3-dioxolan-4-one: synthesis of 2-phenylisoserines (11-6151GP)

Lizbeth Juárez-Guerra, Susana Rojas-Lima and Heraclio L³pez-Ruiz

Full Text: [PDF \(643K\)](#)

pp. 354 - 366



received Dec 7 2010; accepted May 29 2011; published Jun 26 2011;

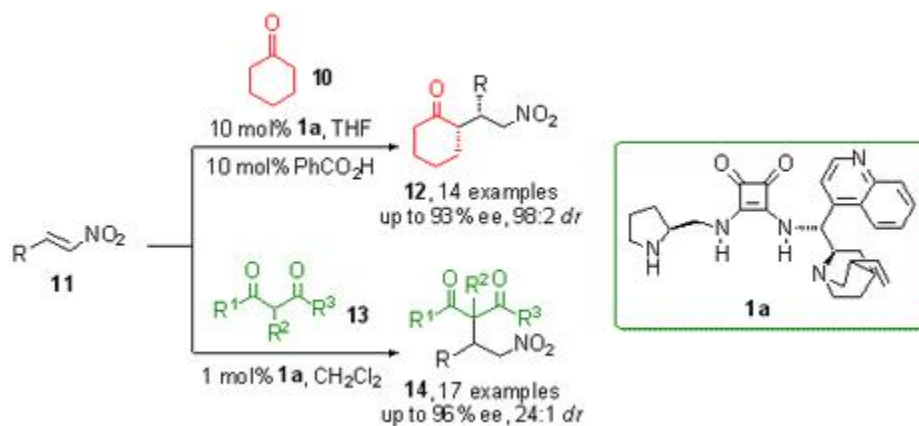
27. Novel bifunctional chiral squaramide-amine catalysts for highly enantioselective addition of mono and diketones to nitroalkenes (11-6395UP)

Ze Dong, Xiaoqing Jin, Pengcheng Wang, Chang Min, Jin Zhang, Zhe Chen, Hai-Bing Zhou and Chune Dong

Full Text: [PDF \(585K\)](#)

Supplementary Material: [PDF \(2,200K\)](#)

pp. 367 - 380



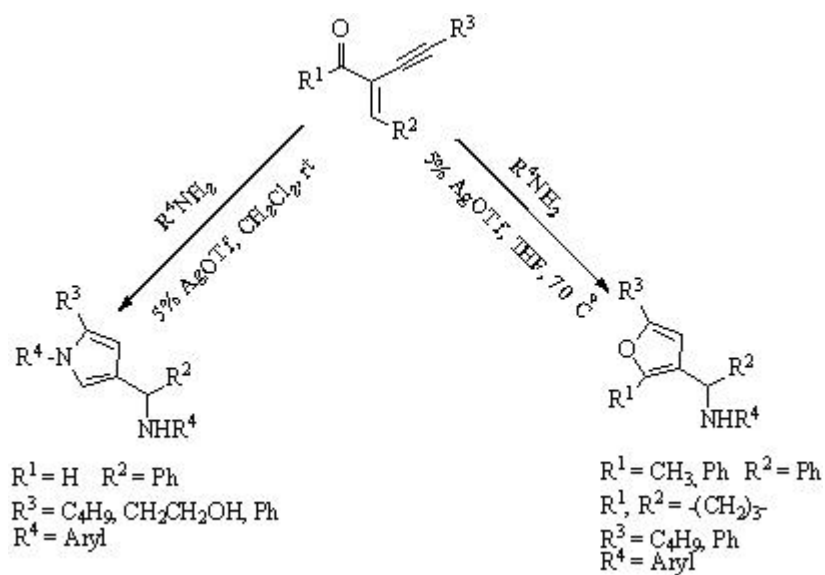
received Mar 2 2011; accepted May 29 2011; published Jun 26 2011;

28. AgOTf-catalyzed cyclization of enynals or enynones with amines: an efficient synthesis of 1,2,4-trisubstituted pyrroles and 2,3,5-trisubstituted furans (11-6410DP)

Wan-Li Chen, Jiao Li, Ying-Hong Zhu, Lu-Ting Ye, Wei Hu and Wei-Min Mo

Full Text: [PDF \(542K\)](#)

pp. 381 - 392



received Mar 9 2011; accepted Jun 14 2011; published Jun 28 2011;

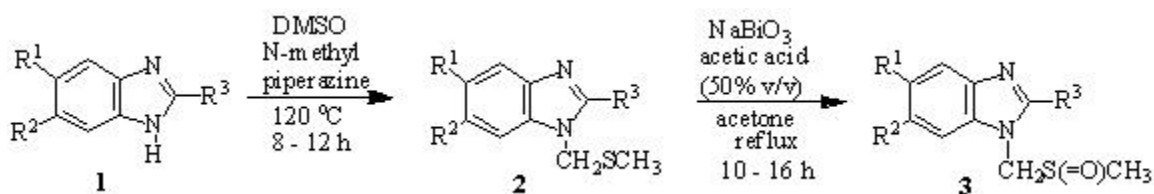
29. N-Methylthiomethylation of benzimidazoles with DMSO and their chemoselective oxidation to sulfoxides with NaBiO₃ (11-6270AP)

Chhanda Mukhopadhyay, Pradip Kumar Tapaswi, Swarbhani Sarkar and Michael G. B. Drew

Full Text: [PDF \(510K\)](#)

Supplementary Material: [PDF \(559K\)](#)

pp. 393 - 406



received Jan 19 2011; accepted May 5 2011; published Jul 3 2011;

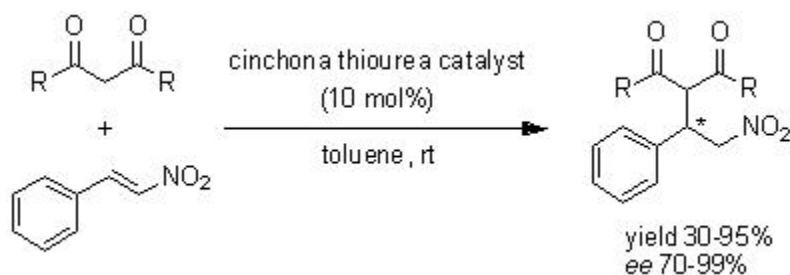
30. Organocatalytic enantioselective Michael addition of β -diketones to β -nitrostyrene: the first Michael addition of dipivaloylmethane to an activated olefin. (11-6522VP)

Declan P. Gavin and John C. Stephens

Full Text: [PDF \(499K\)](#)

Supplementary Material: [PDF \(1,822K\)](#)

pp. 407 - 421



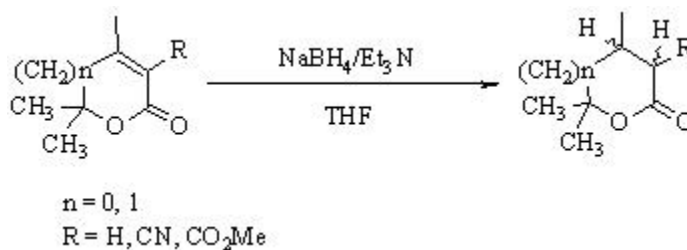
received Apr 15 2011; accepted May 27 2011; published Jul 3 2011;

31. Chemoselective reduction of unsaturated γ - and δ -lactones by sodium borohydride in the presence of triethylamine in THF (11-6347YP)

Morteza Bidar, Gayane Tokmajyan, Farough Nasiri and Aida Avetisyan

Full Text: [PDF \(227K\)](#)

pp. 422 - 428



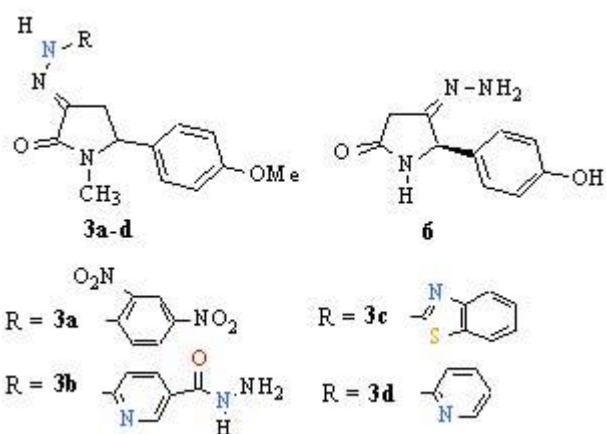
received Feb 15 2011; accepted Jul 12 2011; published Aug 1 2011;

32. Synthesis and bioactivity of some 2-oxo-5-aryl-3-hydrazone and 2-oxo-5-aryl-4-hydrazone pyrrolidine derivatives (11-6499JP)

Mohd Fazli Mohammat, Nigar Najim, Nurul Shulehaf Mansor, Sharil Sarman, Zurina Shaameri, Mazatulikhma Mat Zain and Ahmad Sazali Hamzah

Full Text: [PDF \(306K\)](#)

pp. 429 - 438



received Apr 7 2011; accepted Aug 19 2011; published Sep 21 2011;