## ARKIVOC Volume 2014 Part (ii): Commemorative Issue in Honor of Prof. Rosa Maria Claramunt on the occasion of her 65th anniversary Facilitator: Pilar Cabildo Scientific Editor: Martin A. Iglesias-Arteaga

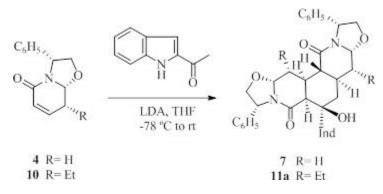
**1. A tribute to Prof. Rosa Mª Claramunt** (CV-1463NT) *Pilar Cabildo Miranda* 

Full Text: PDF (153K) **pp. 1 - 5** published Apr 8 2013;

**2.** Unsaturated oxazolopiperidone lactams: an unexpected domino-type double conjugate addition– cyclization process (CV-7968NP)

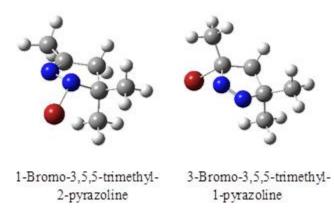
Mercedes Amat, Núria Llor, Begoña Checa, Maria Pérez and Joan Bosch Full Text: PDF (454K)

рр. 6 - 18



received Jan 9 2013; accepted Feb 27 2013; published Apr 26 2013;

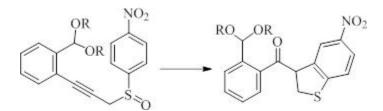
3. A theoretical study of the mechanism of oxidation of 1*H*-pyrazolines to 1*H*-pyrazoles by molecular bromine (CV-7976NP) *Ibon Alkorta and Jose Elguero* Full Text: PDF (192K) pp. 19 - 35



received Jan 14 2013; accepted Mar 24 2013; published May 10 2013;

4. Unexpected new examples of the Thyagarajan-Majumdar tandem cyclization of aryl propargyl sulfoxides (CV-8037NP) Mateo Alajarin, Marta Marin-Luna and Angel Vidal Full Text: PDF (99K)

pp. 36 - 43

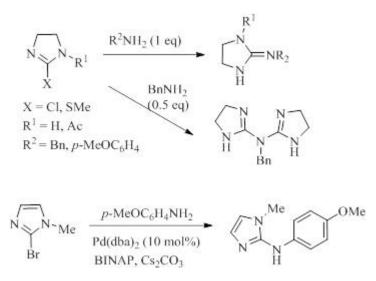


received Feb 15 2013; accepted May 17 2013; published Jun 12 2013;

5. C-N bond forming reactions in the synthesis of substituted 2-aminoimidazole derivatives (CV-8058NP)

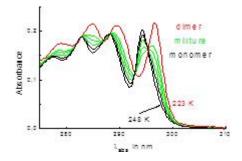
Asier GÃ<sup>3</sup>mez-SanJuan, José Manuel Botija, Almudena Méndez, Nuria Sotomayor and Esther Lete Full Text: PDF (168K)

pp. 44 - 56



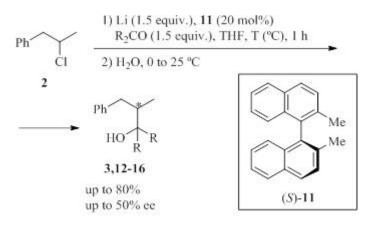
received Feb 26 2013; accepted May 17 2013; published Jun 12 2013;

6. On the solvatochromism, dimerization and tautomerism of indazole (CV-8082NP) Javier Catalan
Full Text: PDF (124K)
pp. 57 - 70



received Mar 14 2013; accepted May 20 2013; published Jun 12 2013;

7. Enantioselective catalytic lithiation using a chiral binaphthyl derivative as electron carrier (CV-8192NP)
 *Regina Martinez, Isidro M. Pastor and Miguel Yus* Full Text: PDF (163K)
 pp. 71 - 84

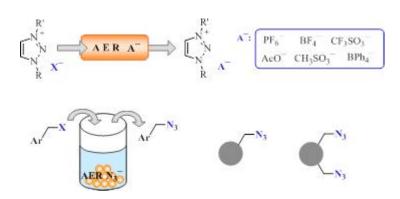


 $[R_2 = Et_2, n-Pr_2, n-Bu_2, (c-C_3H_5)_2, (c-C_6H_{11})_2, (CH_2)_5]$ 

received May 10 2013; accepted Jun 15 2013; published Aug 18 2013;

8. Azolium-based systems: application of an anion exchange resin (A<sup>-</sup> form) method and <sup>1</sup>H NMR analysis of the charged-assisted (C–H)<sup>+</sup>•anion hydrogen bonds (CV-8203NP) Immaculada Dinares, Neus Mesquida, Anna IbÃįñez and Ermitas Alcalde

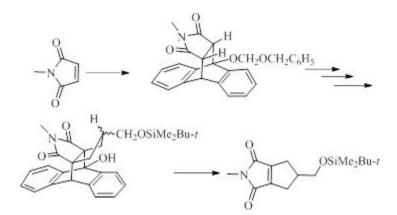
Full Text: PDF (311K) pp. 85 - 102



received May 13 2013; accepted Jul 14 2013; published Aug 18 2013;

**9.** Improved synthesis of 5-(*t*-butyldimethylsilyloxymethyl)-2-methyl-5,6-dihydrocyclopenta[*c*]pyrrole-**1,3(2H,4H)-dione from N-methylmaleimide** (CV-8240NP) *Pelayo Camps, TÃ nia GÃ<sup>3</sup>mez and Ane Otermin* Full Text: PDF (231K)

pp. 103 - 119

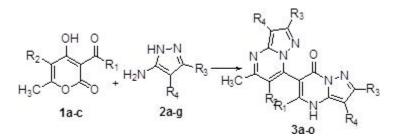


received May 29 2013; accepted Jul 5 2013; published Aug 18 2013;

# **10.** Synthesis of new bi(pyrazolo[1,5-*a*]pyrimidinyl)-7-one derivatives from dehydroacetic acid and its analogues as antibacterial agents (CV-8089NP)

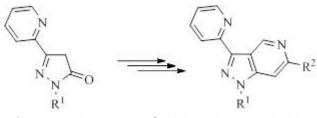
Ranjana Aggarwal, Chinu Rani, Rajiv Kumar, Gaurav Garg and Jitender Sharma Full Text: PDF (125K)

pp. 120 - 134



received Mar 18 2013; accepted Jun 24 2013; published Aug 18 2013;

11. Synthesis of pyridyl substituted pyrazolo[4,3-c]pyridines as potential inhibitors of protein kinases (CV-8188NP)
Gytė Vilkauskaitė, Patricia Schaaf, Algirdas Šačkus, Vladimir Krystof and Wolfgang Holzer
Full Text: PDF (206K)
pp. 135 - 149

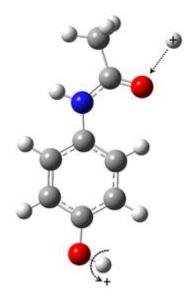


 $R^1 = Bn$ , Me, *t*-Bu, (H);  $R^2 = 3$ -pyridyl, 3-thienyl, Ph

received May 8 2013; accepted Jul 5 2013; published Aug 18 2013;

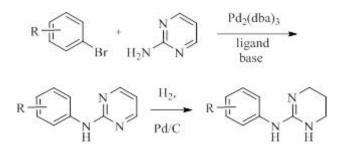
#### 12. Intrinsic (gas-phase) acidity and basicity of paracetamol (CV-8249NP)

Juan Z. DÃįvalos, Javier GonzÃįlez, RocÃo Ramos, Andrés Guerrero and Alexsandre F. Lago Full Text: PDF (401K) Supplementary Material: PDF (487K) **pp. 150 - 160** 



received Jun 1 2013; accepted Aug 5 2013; published Aug 23 2013;

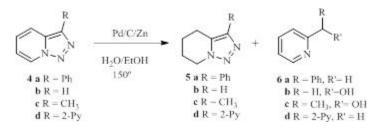
13. Synthesis of cyclic guanidines: 2-arylamino-1,4,5,6-tetrahydropyrimidines (CV-8222NP)
Julian W. Shaw, David H. Grayson and Isabel Rozas
Full Text: PDF (141K)
pp. 161 - 174



received May 22 2013; accepted Jul 14 2013; published Aug 23 2013;

**14. Triazolopyridines. Part 30. Hydrogen transfer reactions; pyridylcarbene formation** (CV-8227NP) *Belén Abarca, Rosa Adam, Shamim Alom, Rafael Ballesteros and Sonia LÃ<sup>3</sup>pez-Molina* Full Text: PDF (222K)

pp. 175 - 186

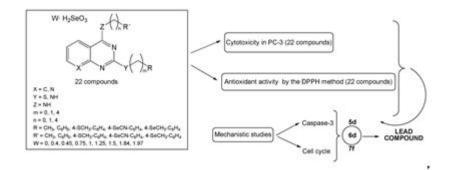


received May 24 2013; accepted Aug 7 2013; published Aug 23 2013;

**15.** Novel quinazoline and pyrido[2,3-*d*]pyrimidine derivatives and their hydroselenite salts as antitumoral agents (CV-8244NP)

Juan Antonio Palopa, Daniel Planoa, Esther Morenoa and Carmen SanmartÃn Full Text: PDF (300K)

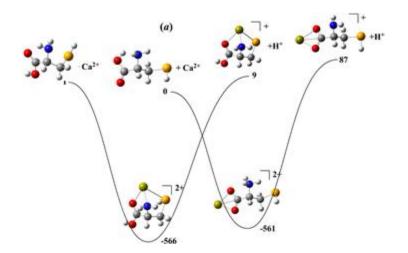
pp. 187 - 206



received May 30 2013; accepted Aug 6 2013; published Aug 23 2013;

**16.** Complexation of Ca<sup>2+</sup> with selenocysteine and effects on its intrinsic acidity (CV-8217NP)

Marcela Hurtado, Al Mokhtar Lamsabhi, Manuel YÃiñez and Otilia MÃ<sup>3</sup> Full Text: PDF (2,517K) Supplementary Material: PDF (179K) **pp. 207 - 223** 

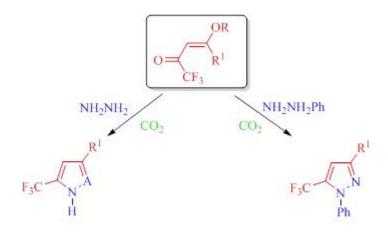


received May 21 2013; accepted Aug 10 2013; published Aug 31 2013;

### **17.** The effect of pressurized carbon dioxide on the cyclocondensation reaction between 4-alkoxy-**1,1,1-trifluoro-3-alken-2-ones and hydrazines** (CV-8024NP)

Marcelo Rossatto, Caroline Casanova, Ana P. Lima, Daniel J. Emmerich, Vladimir Oliveira, Rogério M. Dallago, Clarissa P. Frizzo, Dayse N. Moreira, Lilian Buriol, Sergio Brondani, Nilo Zanatta, Helio G. Bonacorso and Marcos A. P. Martins Full Text: PDF (72K)

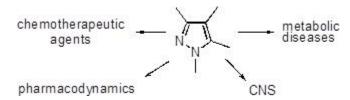
pp. 224 - 232



 $R = Me, Et; R^1 = H, Me, Ph$ 

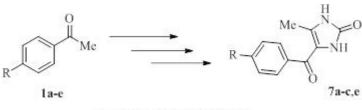
received Feb 7 2013; accepted Jul 14 2013; published Sep 27 2013;

18. A review of recent progress (2002-2012) on the biological activities of pyrazoles (CV-8131NR) Ruth Pérez-FernÃindez, Pilar Goya and José Elguero
Full Text: PDF (1,890K)
pp. 233 - 293



received Apr 9 2013; accepted Sep 8 2013; published Nov 6 2013;

19. A simple synthesis of 4-aroyl-5-methyl-1*H*-imidazol-2(3*H*)-one derivatives (Enoxymone analogues) from aryl methyl ketones *via* enaminones (CV-8236NP)
Jure Bezenšek, Uroš Grošelj, Katarina Stare, Jurij Svete and Branko Stanovnik
Full Text: PDF (189K)
pp. 294 - 307



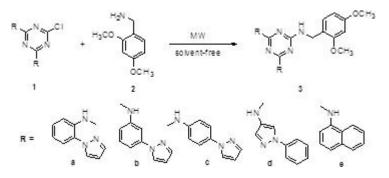
 $R = H, Cl, Br, F, SMe SO_2Me$ 

received May 28 2013; accepted Sep 8 2013; published Nov 6 2013;

#### **20.** Solvent-free microwave-assisted synthesis of new **2,4-**dimethoxybenzylaminotriazines (CV-8245NP)

Antonio de la Hoz, Ana SÃinchez-MigallÃ<sup>3</sup>n, Beatriz T. Pelado and José R. RamÃrez Full Text: PDF (177K)

pp. 308 - 318

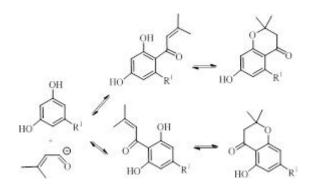


received May 31 2013; accepted Sep 8 2013; published Nov 6 2013;

**21.** Preparation of **2,2-dimethylchroman-4-ones from 5-alkyl-substituted resorcinols: microwave-assisted synthesis and theoretical calculations** (CV-8246NP)

Paula Morales, Luis Miguel Azofra, José Cumella, Laura Hernandez-Folgado, MarÃa RoldÃin, Ibon Alkorta and Nadine Jagerovic Full Text: PDF (172K)

pp. 319 - 332

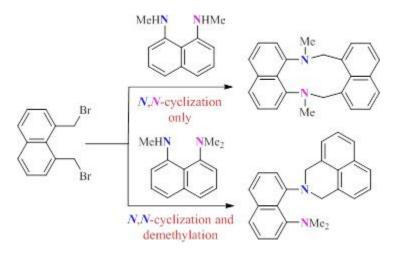


received May 31 2013; accepted Sep 8 2013; published Nov 6 2013;

## **22. 1,8-Bis(bromomethyl)naphthalene in the synthesis of 1,5-diazacyclodecane and benz[de]isoquinoline proton sponges** (CV-8253NP)

Valery A. Ozeryanskii, Polina A. Vakhromova and Alexander F. Pozharskii Full Text: PDF (304K)

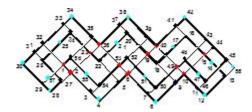
pp. 333 - 345



received Jun 6 2013; accepted Sep 25 2013; published Nov 6 2013;

**23.** Helical [*n*]catamantanes and *all-trans*-perhydroacenic [*n*]perimantanes: structures and von Baeyer IUPAC numbering of carbon atoms (CV-8352NP)

Alexandru T. Balaban and Christoph W. Ruecker Full Text: PDF (237K) **pp. 346 - 361** 



received Jul 29 2013; accepted Oct 13 2013; published Dec 19 2013;

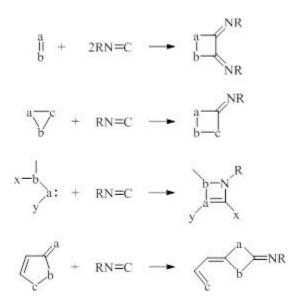
**24.** Nucleophilic trifluoromethylation of carbonyl compounds and derivatives (CV-8340NR) *Gloria Rubiales, ConcepciÃ<sup>3</sup>n Alonso, Eduardo MartÃnez de Marigorta and Francisco Palacios* Full Text: PDF (666K) **pp. 362 - 405** 

$$R^{1} \stackrel{Y}{\longleftarrow} R^{2} \stackrel{" \Theta_{CF_{3}}"}{\longrightarrow} R^{1} \stackrel{YH}{\longleftarrow} R^{2}$$

Y = O, NR

received Jul 24 2013; accepted Oct 9 2013; published Jan 10 2014;

25. Four-membered rings from isocyanides: Developments since the mid 1980s (CV-8224NR)
Dietrich Moderhack
Full Text: PDF (697K)
pp. 406 - 451



received May 23 2013; accepted Oct 4 2013; published Feb 11 2014;