1. Synthesis and structure of some new thiazolidin-4-ones and thiazolin-4-ones of anticipated biological activity (06-1687BP)

Kamal A. Kandeel
Full Text: PDF (51K)

pp. 1 - 6

received Sep 10 2005; accepted Feb 2 2006; published Feb 8 2006;

2. Efficient microwave-assisted synthesis of bisimides (06-1713BP)

Diego Guzmán-Lucero, Natalya V. Likhanova, Herbert Höpfl, Javier Guzmán, Dmitri Likhatchev, Rafael MartÃnez-Palou

Full Text: PDF (182K)

pp. 7 - 20

received Nov 7 2005; accepted Jan 27 2006; published Feb 8 2006;

3. A facile stereoselective synthesis of (Z)-1,3-diaryl-2-(N-methyl-anilino)-2-propen-1-ones (06-1773EP)

M. Srinivasan, S. Perumal and S. Selvaraj

Full Text: PDF (109K)

pp. 21 - 27

received Dec 29 2005; accepted Feb 2 2006; published Feb 8 2006;

4. A simple synthesis of functionalized 2-amino-3-cyano-4-chromones by application of the *N*-hydroxybenzotriazole methodology (06-1765BP)

Giorgos Athanasellis, Georgia Melagraki, Antreas Afantitis, Kalliopi Makridima, Olga Igglessi-Markopoulou

Full Text: PDF (115K)

pp. 28 - 34

$$R_1$$
 COOH $+$ N_1 $+$ N_2 $+$ N_3 $+$ N_4 $+$ N_4 $+$ N_5 $+$

received Dec 19 2005; accepted Feb 3 2006; published Feb 20 2006;

5. Spectroscopic and structural characterization of products arising from the base-promoted benzylation of 3-sulfolene (06-1686AP)

Muriel Bonnet, Martin G. Banwell, Anthony C. Willis and Vito Ferro

Full Text: PDF (244K)

pp. 35 - 41

received Oct 4 2005; accepted Jan 27 2006; published Feb 22 2006;

6. Rearrangement of a 3-acyloxyamino-1,5-diketone into enamine and pyrrole: a mechanistic study (06-1705BP)

Cornelia Uncuta, Emeric Bartha, Catalin I. Tanase, Anca Tanase, Oana Costan, Mihaela Ciuca, Nicolas Vanthuyne and Christian Roussel

Full Text: PDF (212K)

pp. 42 - 54

received Oct 28 2005; accepted Feb 11 2006; published Feb 22 2006;

7. Synthesis of dimethyl-1-(trifluoromethyl)-3*H*-pyrrolizine-2,3-dicarboxylate using phosphorus compounds (06-1692FP)

Maryam Kalantari, Mohammad Reza Islami, Zahra Hassani, Kazem Saidi

Full Text: PDF (221K)

pp. 55 - 62

$$CF_3$$
 H_3COOC
 H_3COOCH_3

8. Synthesis and herbicidal activity of *N*-(*o*-fluorophenoxyacetyl)thioureas derivatives and related fused heterocyclic compounds (06-1777DP)

Shao-Yong Ke and Si-Jia Xue

Full Text: PDF (182K)

pp. 63 - 68

received Dec 30 2005; accepted Feb 23 2006; published Mar 2 2006;

9. Isolation and in vitro antiamoebic activity of iridoids isolated from Kigelia pinnata (06-1807JP)

Neelam Bharti, Shailendra Singh, Fehmida Naqvi and Amir Azam

Full Text: PDF (125K)

pp. 69 - 76

where, R = H, OH and $R^1 = H$, CH₃

received Jan 25 2006; accepted Mar 3 2006; published Mar 9 2006;

10. Quinoxalines and tetraketones for metal cations extraction (06-1792BP)

Ibrahim Bouabdallah, Ismail Zidane, Rachid Touzani, Brahim Hacht and Abdelkrim Ramdani

Full Text: PDF (143K)

pp. 77 - 81

received Jan 14 2006; accepted Feb 28 2006; published Mar 14 2006;

11. Microwave-assisted synthesis of quinoline alkaloids: 4-Methoxy-1-methyl-2-quinolinone and its analogs (06-1668FP)

Vetrivel Nadaraj, Senniappan Thamarai Selvi and Raju Sasi

Full Text: PDF (128K)

pp. 82 - 89

$$R_1$$
 R_2
 R_3
 $CH_2(COOEt)$
 R_1
 R_3
 OH
 R_1
 R_3
 OH
 R_1
 R_3
 OCH_3
 OCH_3
 OCH_3
 R_4
 OCH_3
 OCH_3

received Sep 9 2005; accepted Mar 5 2006; published Mar 15 2006;

12. Reactions of three [c]annelated 2-aminothiophenes with electron poor olefins (06-1781DP)

E. Sopbué Fondjo and D. Döpp

Full Text: PDF (144K)

pp. 90 - 101

received Jan 3 2006; accepted Mar 21 2006; published Mar 29 2006;

13. A very simple and chemoselective air oxidation of benzoins to benzils using alumina (06-1798JP)

Konstantinos Skobridis, Vassiliki Theodorou and Edwin Weber

Full Text: PDF (144K)

pp. 102 - 106

Aryl = phenyl, 4-anisyl, 2-furanyl, 4-tolyl, 4-chlorophenyl

received Jan 20 2006; accepted Mar 21 2006; published Mar 29 2006;

14. The cleavage of heterocyclic compounds.¹ Synthesis of 1-phenyl-5-naphthyl-6-azacytosines (06-1764JP)

Jakub Stýskala, VladimÃr VylÃčil and Jan Slouka

Full Text: PDF (219K)

pp. 107 - 115

received Dec 16 2005; accepted Mar 21 2006; published Mar 29 2006;

15. Correlation analysis of IR, ¹H NMR and UV spectral data of alkyl and aryl 4,6-disubstituted-3-cyano-2-pyridones. Part I (06-1736DP)

Slobodanka Jovanović, Dušan Mijin and Milica Mišić-Vuković

Full Text: PDF (223K)

pp. 116 - 128

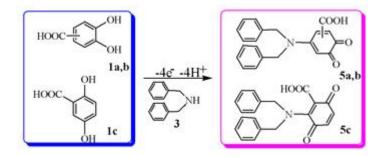
received Nov 29 2005; accepted Mar 21 2006; published Apr 2 2006;

16. Electro-organic synthesis of dibenzylaminodioxocyclohexa-dienecarboxylic acids (06-1660FP)

Davood Nematollahi, Mehdi Hesari and Sayed Saied Hosseiny Davarani

Full Text: PDF (134K)

pp. 129 - 136



received Aug 31 2005; accepted Mar 21 2006; published Apr 2 2006;

17. Synthesis and antiviral activity of novel [1,2,4]triazolo[3,4-b][1,3,4]thiadiazoles, [1,2,4]triazolo[3,4-b] [1,3,4]thiadiazines and [1,2,4]triazolo[3,4-b][1,3,4] thiadiazepines (06-1833CP)

Abdel-Rahman Farghaly, Erik De Clercq and Hussein El-Kashef

Full Text: PDF (154K)

pp. 137 - 151

received Feb 15 2006; accepted Mar 21 2006; published Apr 5 2006;

18. Solvent free Lewis acid catalyzed vinylogous condensation (06-1795JP)

Gitalee Bhattacharjya, Sarit. S. Agasti and Gurunath Ramanathan

Full Text: PDF (173K)

pp. 152 - 161

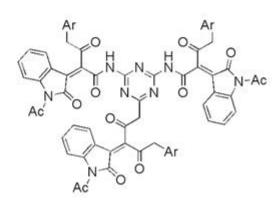
received Jan 18 2006; accepted Mar 30 2006; published Apr 5 2006;

19. 2(3H)-Furanones as synthons for polyamides of 1,3-diazines and 1,3,5-triazines (06-1830BP)

Abdel-Sattar S. Hamad Elgazwy, Hoda T. Zaky, Mansoura I. Mohamed and Nadia G. Kandile Full Text: PDF (82K)

pp. 162 - 172

2,6 diamide-1,3-diazine and



melamie of triazine

received Feb 16 2006; accepted Mar 31 2006; published Apr 5 2006;

20. Bromofluorocarbene addition to 6-phenylbicyclo[3.2.0]hept-6-ene: characterization and formation mechanism of the products (06-1827DP)

Fatih Algi and Metin Balci

Full Text: PDF (131K) pp. 173 - 182

received Feb 14 2006; accepted Mar 28 2006; published Apr 5 2006;

21. A novel Cu(OTf)₂ mediated three component high yield synthesis of α -aminophosphonates (06-1838EP)

Abhimanyu S. Paraskar and Arumugam Sudalai

Full Text: PDF (162K)

pp. 183 - 189

$$R^{1}CHO + R^{2}-NH_{2} + P(OMe)_{2} \xrightarrow{Cu(OTf)_{2} (1 \text{ mol}\%)} HN \xrightarrow{R^{2}} R^{1} = R^{2} = \text{aryl or alkyl}$$

$$R^{1} = R^{2} = \text{aryl or alkyl}$$

$$57-97\%$$

received Feb 22 2006; accepted Mar 21 2006; published Mar 21 2006;

22. A convenient synthesis of 3-cyano-4-imino-2-methylthio-4H-pyrimido [2,1-b] [1,3] benzothiazole and its reactions with selected nucleophiles (06-1726BP)

Mayura S. Pingle, Sambhaji P. Vartale, Vijay N. Bhosale and Sharad V. Kuberkar

Full Text: PDF (66K)

pp. 190 - 198

received Nov 24 2005; accepted Apr 5 2006; published Apr 13 2006;

23. Approaches to polymetallated calixarene derivatives (06-1841DP)

Franck Billo, Richard M. Musau and Andrew Whiting

Full Text: PDF (76K)

pp. 199 - 210

received Feb 22 2006; accepted Apr 2 2006; published Apr 13 2006;

24. Microwave assisted synthesis of naphtho[2,1-*b*]furan-1, 3, 4-benzotriazepines: a potent antimicrobial agent (06-1796AP)

Gundibasappa K. Nagaraja, Marlingaplara N. Kumaraswamy, Vijayavittala P. Vaidya and Kittappa M. Mahadevan

Full Text: PDF (119K)

pp. 211 - 219

received Jan 18 2006; accepted Mar 31 2006; published Apr 13 2006;

$\textbf{25. Synthes} is and antimy cobacterial \ activities \ of \ certain \ trifluoromethyl-aminoquino line \ derivatives$

(06-1816MP)

Alka Mital, Villendra Singh Negi and Uma Ramachandran

Full Text: PDF (117K)

pp. 220 - 227

NH
$$CF_3$$
 1-4

1. $R_1 = R_2 = -(CH_2)_5$ -; 2. $R_1 = R_2 = -(CH_2)_4$ -;
3. $R_1 = R_2 = -(CH_2)_2$ -O- $(CH_2)_2$;
4. $R_1 = H$, $R_2 = -C(CH_3)_3$

NH CF_3

NH CF_3
 CF_3

received Feb 1 2006; accepted Mar 28 2006; published Apr 16 2006;

26. Corrigendum. Reactions of three [*c*]annelated **2**-aminothiophenes with electron poor olefins (06-1934DP)

E. Sopbué Fondjo and D. Döpp

Full Text: PDF (26K)

pp. 228 - 229

$$\begin{array}{c} \text{Nit} & \text{NR}_1 \text{R}_2 \\ \text{CF}_3 & \text{1-4} \\ \text{CF}_3 & \text{1-4} \\ \text{I} & \text{R}_1 = \text{R}_2 = \text{-(CH}_2)_5 \text{-:} 2 & \text{R}_1 = \text{R}_2 = \text{-(CH}_2)_1 \text{-:} \\ \text{3.} & \text{R}_1 = \text{R}_2 = \text{-(CH}_2)_2 \text{-O(CH}_2)_2; \\ \text{4.} & \text{R}_1 = \text{H.} & \text{R}_2 = \text{-C(CH}_3)_3 \\ \text{NH} & \text{CF}_3 & \text{S-10} & \text{CF}_5 \\ \text{n} = 2, 3, 4, 5, 7, 9 \\ \end{array}$$

received May 15 2006; accepted May 22 2006; published Jun 27 2006;