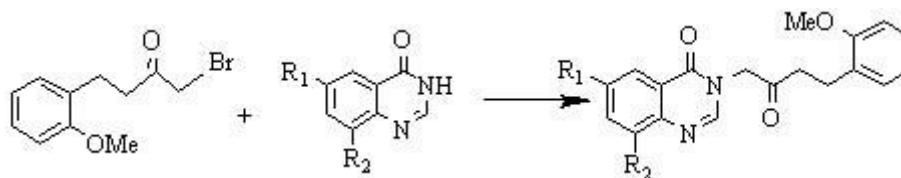


**1. Synthesis and anticoccidial activity of 4-(2-methoxyphenyl) -2-oxo-butyl-quinazolinone derivatives**  
(08-3612JP)

*Junhui You, Changwen Ye, Yabiao Weng, Xihao Mo and Yuliang Wang*

Full Text: [PDF \(379K\)](#)

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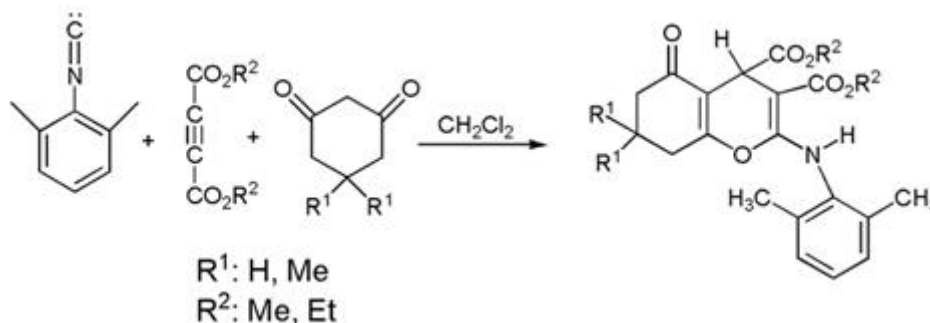
received Oct 29 2008; accepted Dec 13 2008; published Dec 31 2008;

**2. Synthesis, dynamic <sup>1</sup>H NMR and theoretical study of aryl-nitrogen single bond rotational energy barriers in highly functionalized 4H-chromenes** (08-3355CP)

*Roya Kabiri, Nourallah Hazeri, Sayyed Mostafa Habibi Khorassani, Malek Taher Maghsoodlou, Ali Ebrahimi, Lotfali Saghatforoush, Ghasem Marandi and Zahra Razmjoo*

Full Text: [PDF \(369K\)](#)

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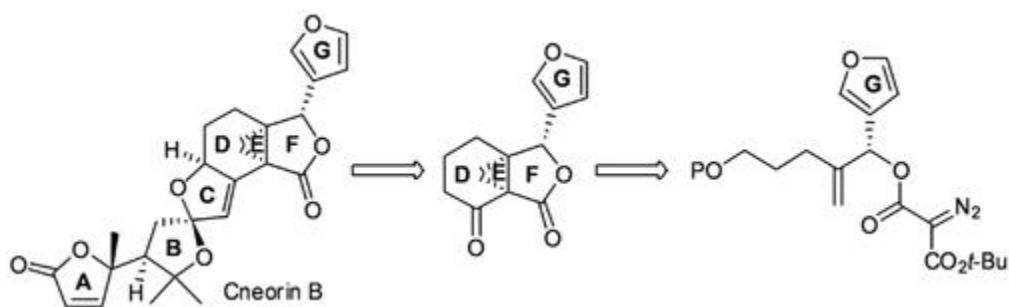
received Jul 5 2008; accepted Dec 13 2008; published Jan 7 2009;

**3. Synthesis of DEFG ring system of cneorins** (08-3570BP)

*Ari M. P. Koskinen and Ainoliisa J. Pihko*

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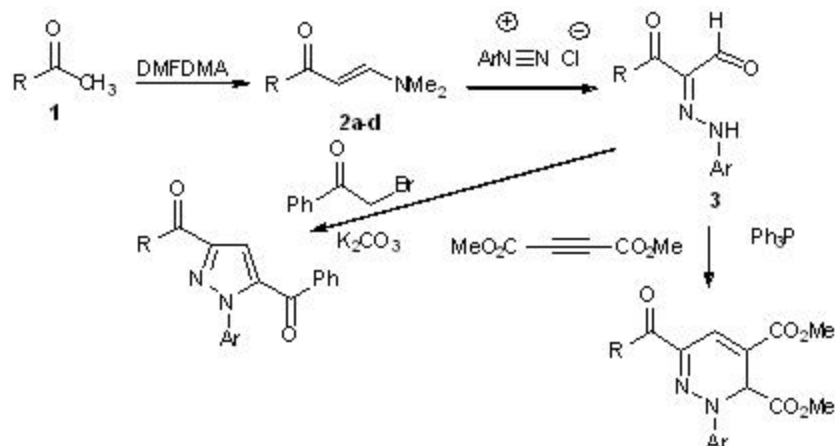
received Oct 10 2008; accepted Dec 13 2008; published Jan 6 2009;

#### 4. Studies with 2-arylhydrazono-3-oxopropanals: Routes for the synthesis of pyridazine-3,4-dicarboxylate and 3,5-diaroyl pyrazoles (08-3518LP)

Mariam A. Al-Shiekh, Hanady Y. Medrassi, Mohamed H. Elnagdi and Ebtisam A. Hafez

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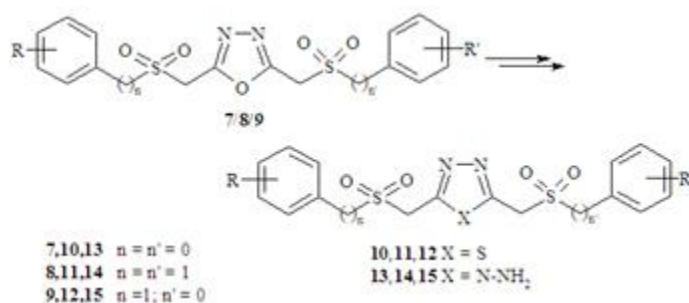
received Sep 16 2008; accepted Dec 8 2008; published Jan 6 2009;

#### 5. Synthesis of symmetrical and unsymmetrical 1,3,4-oxadiazoles and their interconversion to 1,3,4-thiadiazoles and 1,2,4-triazoles (08-3538BP)

Venkatapuram Padmavathi, Gali Sudhakar Reddy, Annaji Venkata Nagendra Mohan and Konda Mahesh

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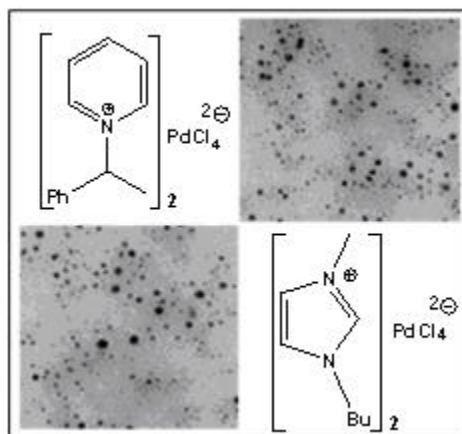
received Sep 25 2008; accepted Nov 25 2008; published Jan 6 2009;

## 6. Palladate salts from ionic liquids as catalysts in the Heck reaction (08-3535OP)

*Florence Gayet, Jean-Daniel Marty and Nancy Lauth-de Viguerie*

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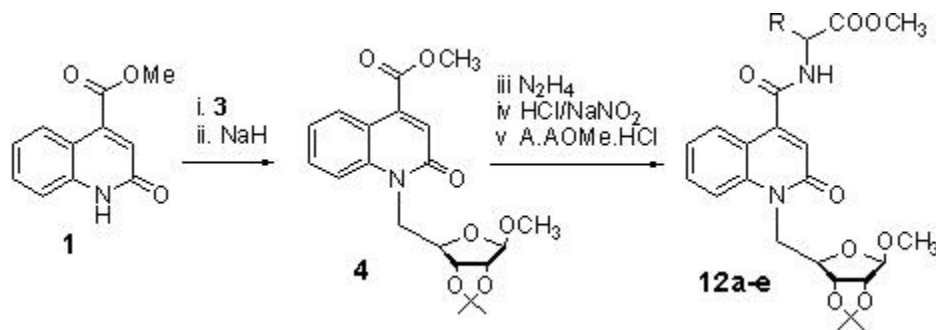
received Sep 23 2008; accepted Nov 25 2008; published Jan 6 2009;

## 7. Convenient syntheses of new quinoline nucleosides bearing amino acid esters (08-3668LP)

*Ibrahim A. I. Ali*

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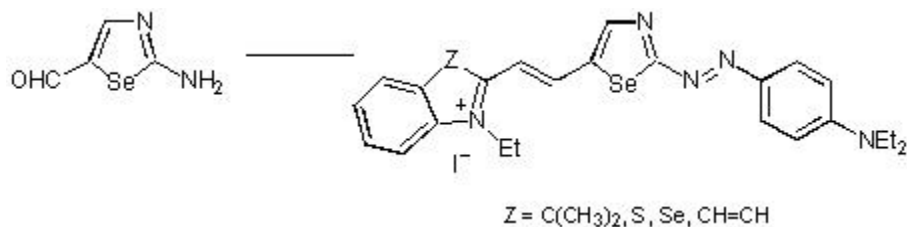
received Nov 22 2008; accepted Dec 28 2008; published Jan 9 2009;

### 8. Delocalized cationic azo dyes derived from 2-aminoselenazole-5-carbaldehyde (08-3408FP)

Maria A. Salvador, Paulo Almeida, Lucinda V. Reis and Paulo F. Santos

Full Text: [PDF \(226K\)](#)

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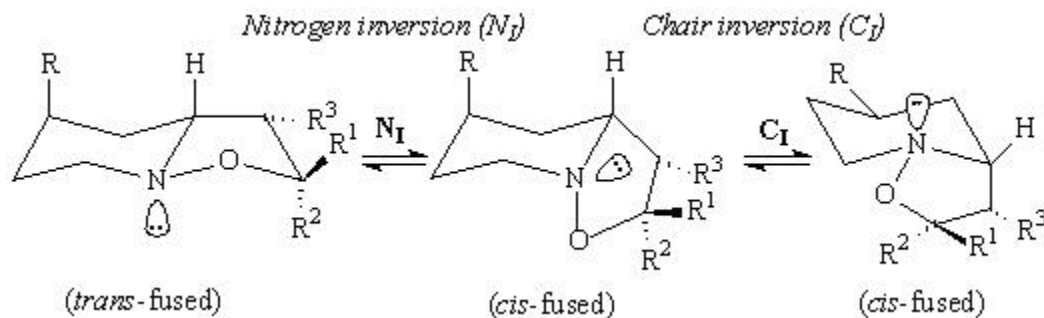
received Jul 30 2008; accepted Dec 9 2008; published Jan 16 2009;

### 9. A study of conformational behaviour in some hexahydro-2H-isoxazolo[2,3-a]pyridines (08-3613LP)

Shaikh A. Ali, Alaaeddin AlSbaiee and Mohamed I. M. Wazeer

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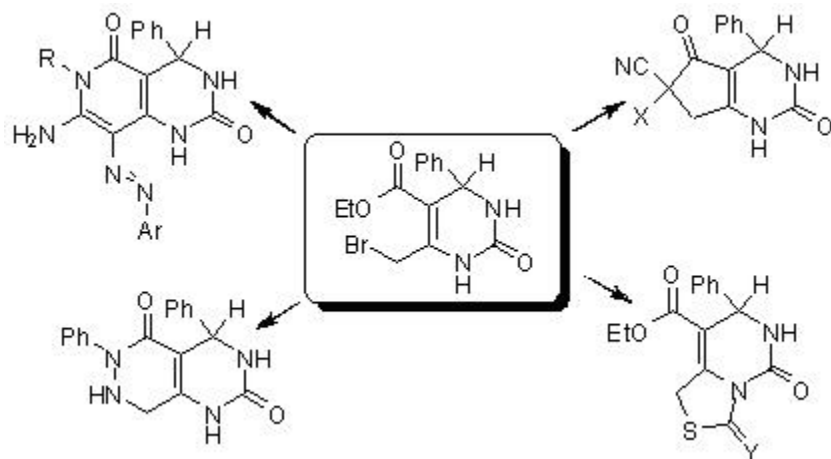
received Oct 29 2008; accepted Dec 19 2008; published Jan 16 2009;

**10. A convenient access to new pyrido[4,3-*d*]pyrimidine, thiazolo[3,4-*c*]pyrimidine and pyrimido[4,5-*d*]pyridazine derivatives** (08-3561JP)

*Nabila A. Kheder, Yahia N. Mabkhot and Ahmad M. Farag*

Full Text: [PDF \(236K\)](#)

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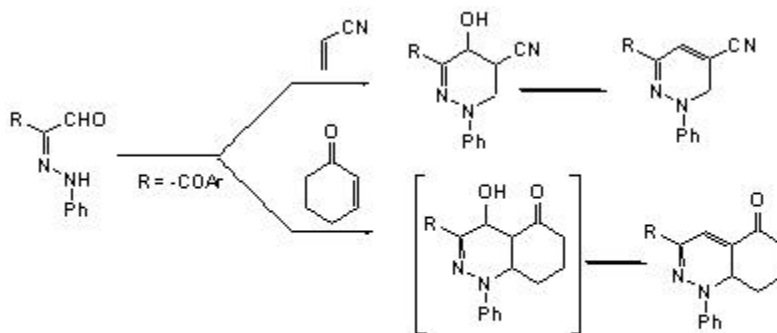
received Oct 5 2008; accepted Dec 13 2008; published Jan 16 2009;

**11. Arylhydrazonals as aldehyde components in Baylis-Hillman reaction: synthesis of 5-hydroxy-2,3,4,5-tetrahydropyridazine-4-carbonitrile and 6,7,8,8a-tetrahydrocinnolin-5(1*H*)-one** (08-3480AP)

*Ismail Abdelshafy Abdelhamid, Elham Sayed Darwish, Miead Adel Nasra, Fathy Mohamed Abdel-Gallil and Daisy Hanna Fleita*

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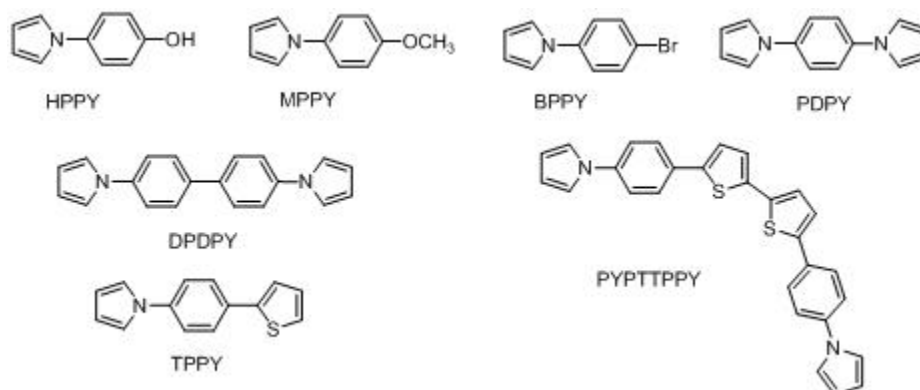
received Sep 2 2008; accepted Dec 24 2008; published Jan 16 2009;

**12. New synthesis routes, characterization, electrochemical and spectral properties of *p*-substituted *N*-phenylpyrroles. Substituent effects** (08-3340UP)

*A. K. D. Diaw, A. Yassar, D. Gningue-Sall and J.-J. Aaron*

Full Text: [PDF \(555K\)](#)

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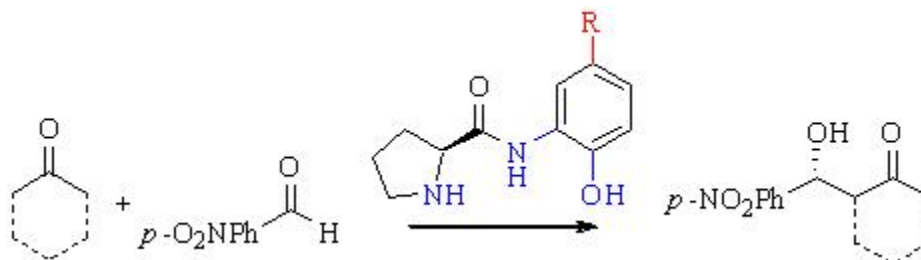
received Jun 30 2008; accepted Oct 10 2008; published Jan 22 2009;

**13. Improving enantioselectivity via rationally tuning electronic effect of catalysts in the organocatalytic asymmetric aldol reaction** (08-3567UP)

*Juanjuan Du, Zhiyi Li, Da-Ming Du and Jiayi Xu*

Full Text: [PDF \(304K\)](#)

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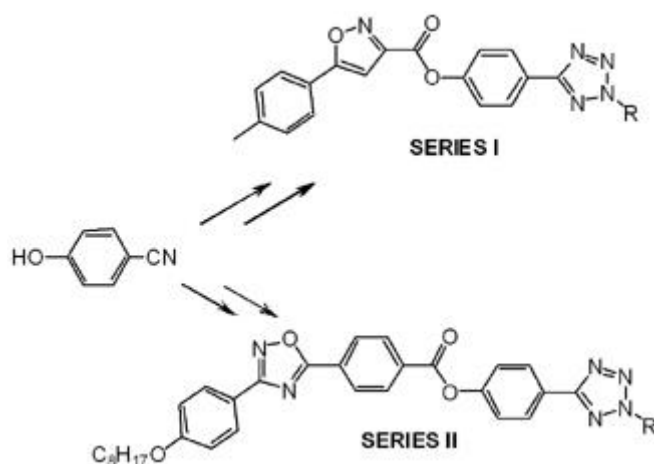
received Oct 8 2008; accepted Dec 8 2008; published Jan 22 2009;

**14. Synthesis of liquid crystals derived from oxadiazole, isoxazole and tetrazole heterocycles** (08-3409HP)

*Daniela Rubia dos Santos, Ana Gabriela Silva de Oliveira, Rafael Levi Coelho, Iãda Maria Beghini, Rachel Faverzani Magnago and Luciano da Silva*

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

pp. 157 - 166



received Jul 31 2008; accepted Dec 9 2008; published Jan 22 2009;

### 15. One-pot synthesis of *m*-terphenyl-2'-carbaldehydes (08-3290MP)

Bahaaldin Rashidzadeh, Farnaz Jafarpour and Akbar Saednya

Full Text: [PDF \(223K\)](#)

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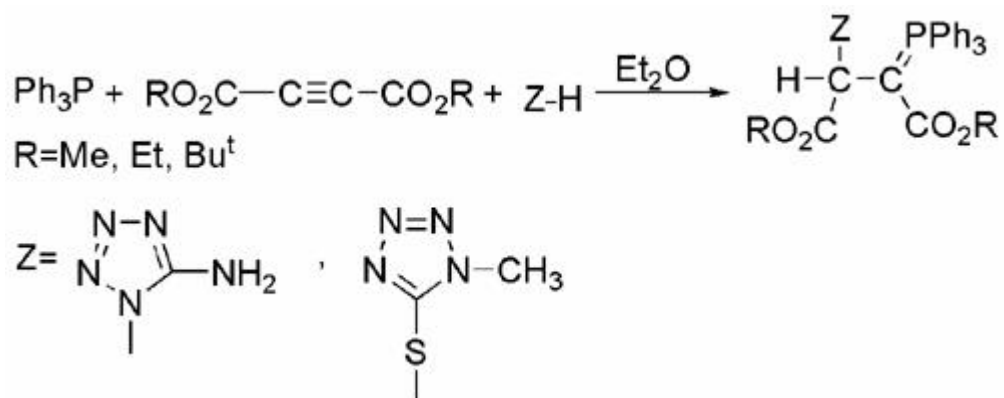
received Jun 6 2008; accepted Dec 24 2008; published Jan 22 2009;

### 16. A facile synthesis, dynamic <sup>1</sup>H NMR and theoretical study the novel stable heterocyclic phosphorus ylides containing tetrazole (08-3359HP)

M. Amin Kazemian, Mahmoud Nassiri, Ali Ebrahimi, M. Taher Maghsoodlou, S. Mostafa Habibi-Khorassani and Fatemeh Vasheghani-Farahani

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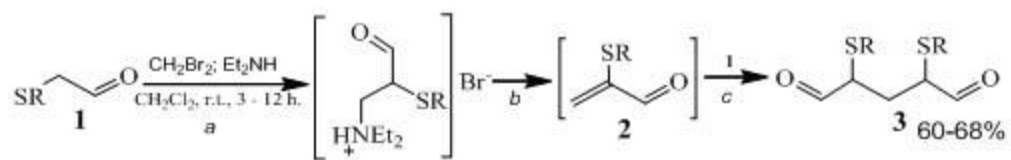
received Jul 6 2008; accepted Dec 28 2008; published Jan 22 2009;

**17. Unexpected one-flask synthesis of 2,4-dialkylthiopentanedials via the reaction of alkylthioacetic aldehydes with dihalomethane and diethylamine (08-3641DP)**

*Natalia A. Keiko, Ludmila G. Stepanova, Ekaterina A. Verochkina, Ludmila I. Larina and Yurii A. Chuvashev*

Full Text: [PDF \(187K\)](#)

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received Nov 10 2008; accepted Dec 13 2008; published Jan 25 2009;

**18. Ring transformation of chromone-3-carboxylic acid under nucleophilic conditions (08-3350MP)**

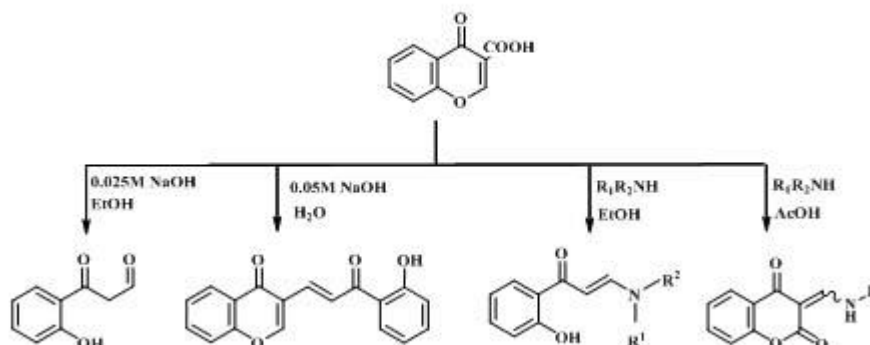
*Magdy A. Ibrahim*

Full Text: [PDF \(244K\)](#)

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The chemical behavior of chromone-3-carboxylic acid towards sodium hydroxide and some nitrogen and carbon nucleophiles was studied in different reaction conditions.



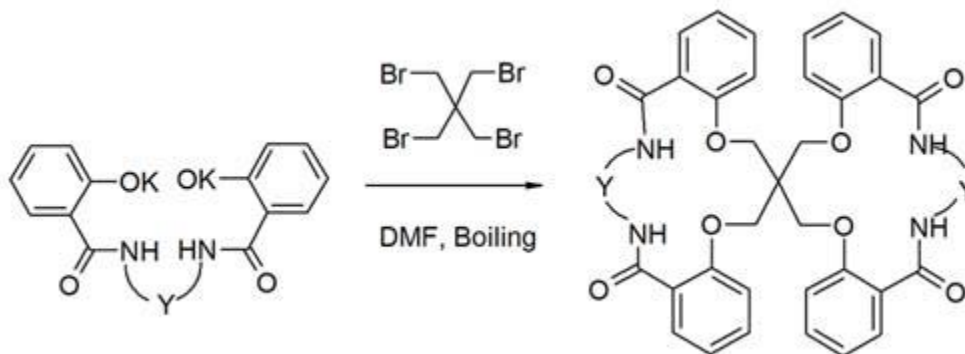
received Jul 3 2008; accepted Dec 24 2008; published Jan 25 2009;

### 19. Synthesis of the first mixed-donor spiro-linked macrocyclic tetralactams (08-3609GP)

Ahmed H. M. Elwahy, Hussni A. Muathen and Nour A. M. Aloweiny

Full Text: [PDF \(149K\)](#)

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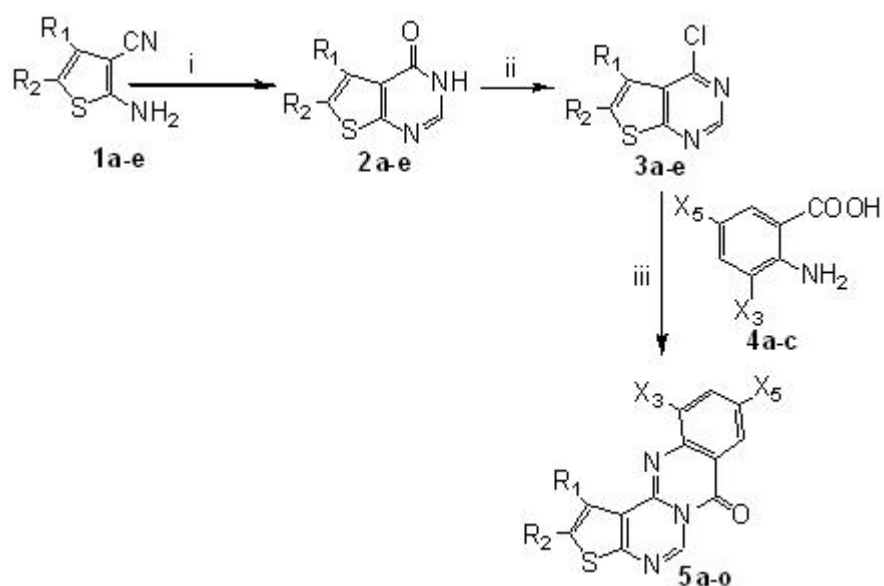
received Oct 28 2008; accepted Dec 25 2008; published Jan 25 2009;

### 20. Efficient Niementowski synthesis of novel derivatives of 1,2,9,11-tetrasubstituted-7H-thieno[2',3':4,5]pyrimido[6,1-b]quinazolin-7-one (08-3459MP)

Sachin S. Laddha and Satayendra P. Bhatnagar

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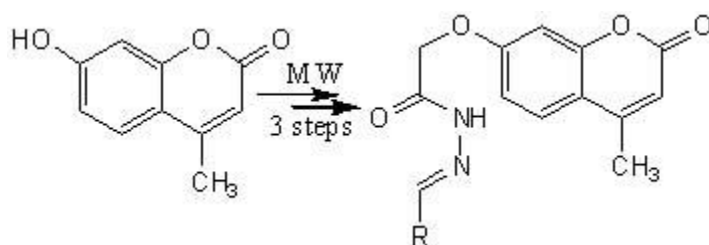
received Aug 24 2008; accepted Dec 27 2008; published Jan 25 2009;

## 21. Synthesis and antimicrobial activity of new Schiff bases containing coumarin moiety and their spectral characterization (08-3265MP)

V. S. V. Satyanarayana, P. Sreevani, Amaravadi Sivakumar and V. Vijayakumar

Full Text: [PDF \(355K\)](#)

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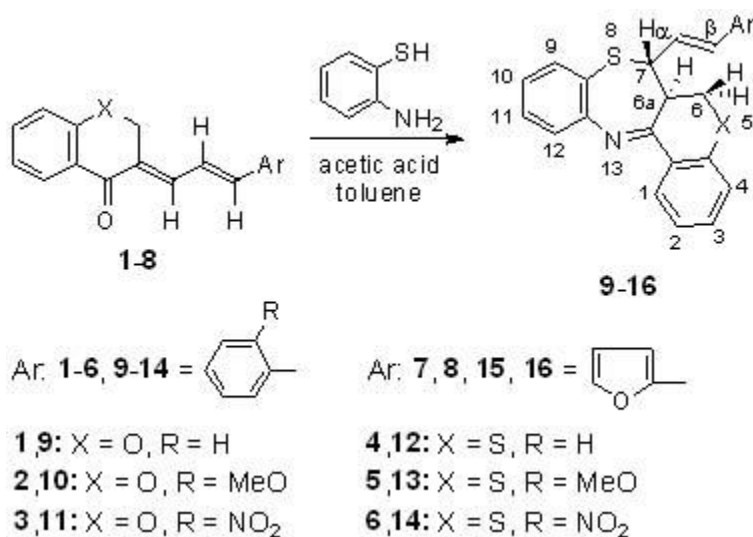
received May 27 2008; accepted Jan 13 2009; published Jan 25 2009;

## 22. Oxazepines and thiazepines 46. Synthesis of tetracyclic 1,5-benzothiazepines by the reaction of $\alpha,\beta,\gamma,\delta$ -unsaturated ketones with 2-aminothiophenol (08-3436NP)

Albert Lăzăreanu and József Jekő

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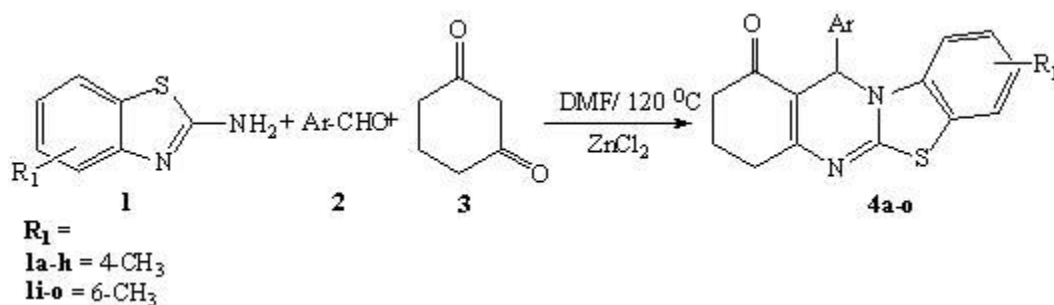
received Jul 31 2008; accepted Jan 14 2009; published Jan 25 2009;

### 23. Anhydrous zinc chloride: an efficient catalyst for one pot synthesis of 2,3,4,12-tetrahydrobenzothiazolo[2,3*b*]quinazolin-1-ones (08-3352AP)

Satish A. Dake, Sunil U. Tekale, Swapnil R. Sarda, Wamanrao N. Jadhav, Sudhakar R. Bhusare and Rajendra P. Pawar

Full Text: [PDF \(155K\)](#)

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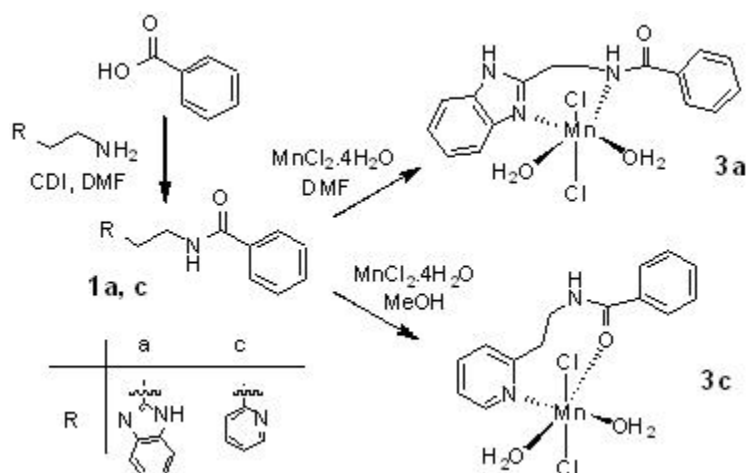
received Jul 4 2008; accepted Jan 16 2009; published Jan 25 2009;

### 24. Designer ligands. Part 14. Novel Mn(II), Ni(II) and Zn(II) complexes of benzamide- and biphenyl-derived ligands (08-3568DP)

Kevin W. Wellington, Perry T. Kaye and Gareth M. Watkins

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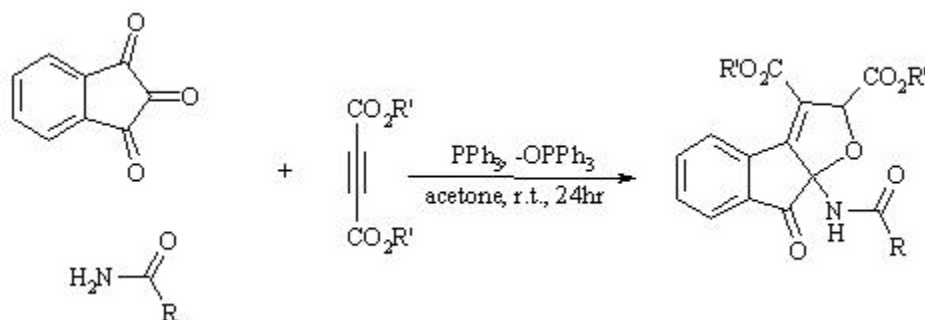
received Oct 7 2008; accepted Dec 14 2008; published Jan 27 2009;

## 25. An efficient one-pot synthesis of dialkyl 8 $\alpha$ -acetylamino-8-oxo-8,8 $\alpha$ -dihydro-2H-1-oxacyclopenta[ $\alpha$ ]indene-2,3-dicarboxylate derivatives (08-3222MP)

Mohammad Anary-Abbasinejad, Manouchehr Mazraeh-Seffid, Ehsanorreza Poorhassan, Alireza Hassanabadi and Forough Rastegari

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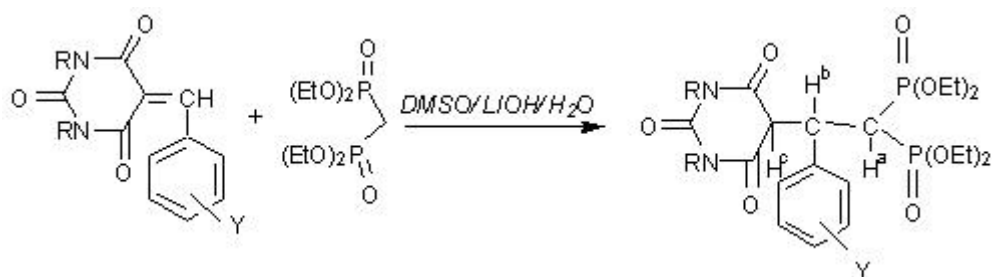
received May 10 2008; accepted Dec 27 2008; published Jan 27 2009;

## 26. A practical synthesis and the pharmacological potency of *gem*-diphosphono substituted pyrimidines for treatment of bone resorption (08-3594HP)

Azza A. Kamel and Maha D. Khidre

Full Text: [PDF \(302K\)](#)

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received Oct 22 2008; accepted Jan 18 2009; published Jan 27 2009;

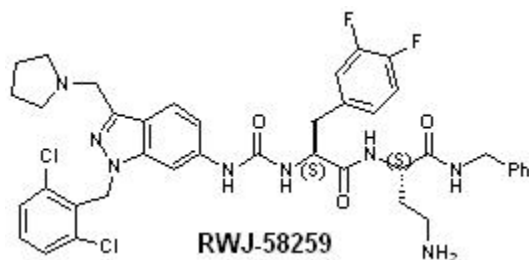
## 27. Improved synthesis of the PAR-1 thrombin receptor antagonist RWJ-58259 (08-3630JP)

Ángel M. Valdivielso, M. Teresa García-López and Rosario Herranz

Full Text: [PDF \(237K\)](#)

Supplementary Material: [PDF \(261K\)](#)

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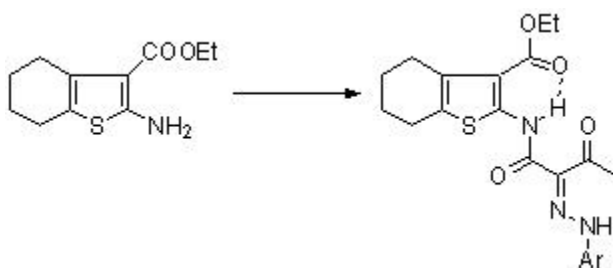
received Nov 4 2008; accepted Dec 14 2008; published Jan 29 2009;

## 28. Synthesis, azo-hydrazone tautomerism and antitumor screening of *N*-(3-ethoxycarbonyl-4,5,6,7-tetrahydro-benzo[*b*]thien-2-yl)-2-arylhydrazono-3-oxobutanamide derivatives (08-3643EP)

Thoraya A. Farghaly and Zeinab A. Abdallah

Full Text: [PDF \(279K\)](#)

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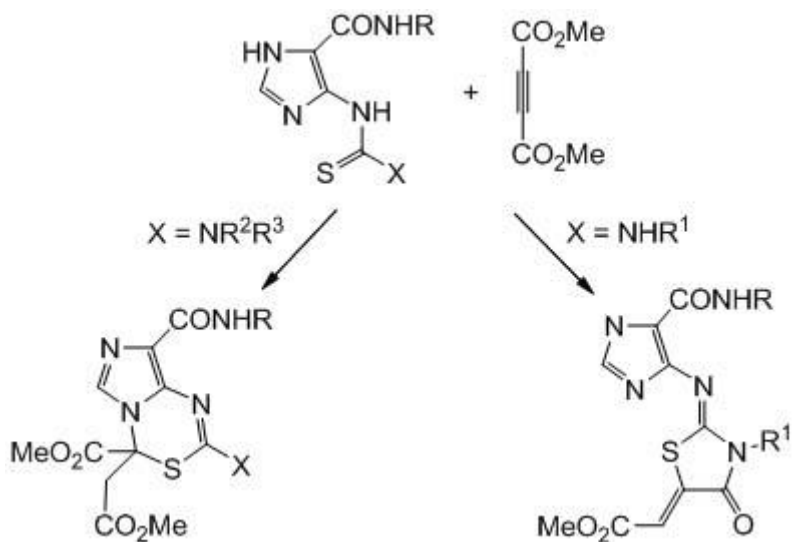
received Nov 10 2008; accepted Jan 18 2009; published Feb 2 2009;

**29. Two ways of cyclization 5-imidazolylthioureas with dimethylacetylendicarboxylate (08-3429HP)**

*Oleg S. Eltsov, Yuri Yu. Morzherin, Natalia P. Belskaia and Vladimir S. Mokrushin*

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

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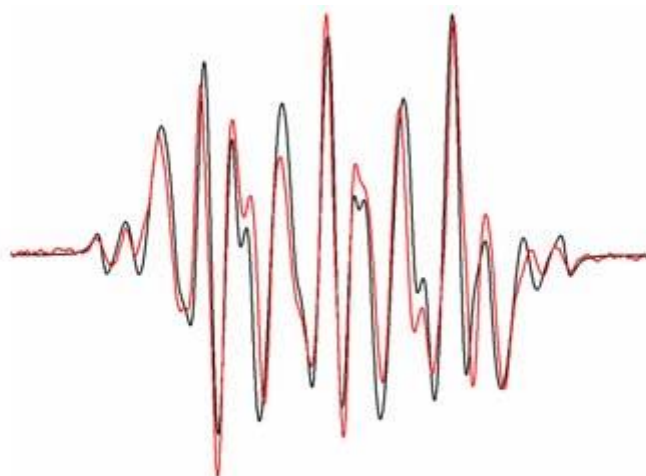
received Aug 13 2008; accepted Dec 22 2008; published Feb 8 2009;

**30. Electron spin resonance study of puff-resolved free radical formation in mainstream cigarette smoke (08-3402OP)**

*Mariana Ghosh, Chuan Liu and Petre Ionita*

Full Text: [PDF \(168K\)](#)

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Experimental (red) and simulated ESR (black) spectrum after the 1<sup>st</sup> puff in the individual procedure with DMPO

received Jul 29 2008; accepted Jan 18 2009; published Feb 19 2009;

**31. Corrigendum. Synthesis of the first mixed-donor spiro-linked macrocyclic tetralactams. [Arkivoc 2008 (xvii) 205-211] (08-5041GQ)**

*Ahmed H.M. Elwahy, Hussni A. Muathen and Nour A. M. Aloweinya*

Full Text: [PDF \(26K\)](#)

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received Jan 28 2010; accepted Jan 28 2010; published Jan 28 2010;