

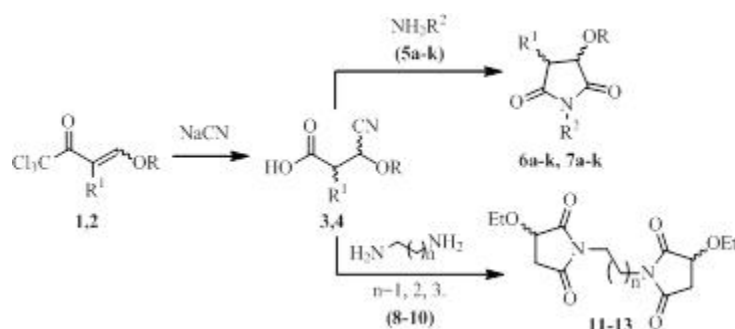
**1. An efficient synthesis of 3-ethoxypyrrolidine-2,5-diones and *cis*-2,3,3a,6a-tetrahydrofuro[2,3-*c*]pyrrole-4,6(5*H*)-diones from  $\beta$ -cyanocarboxylic acids (12-7374SP)**

*Nilo Zanatta, Fabio M. da Silva, Andreia M. P. W. da Silva, Estefania da C. Aquino, Helio G. Bonacorso and Marcos A. P. Martins*

Full Text: [PDF \(518K\)](#)

Supplementary Material: [PDF \(3,856K\)](#)

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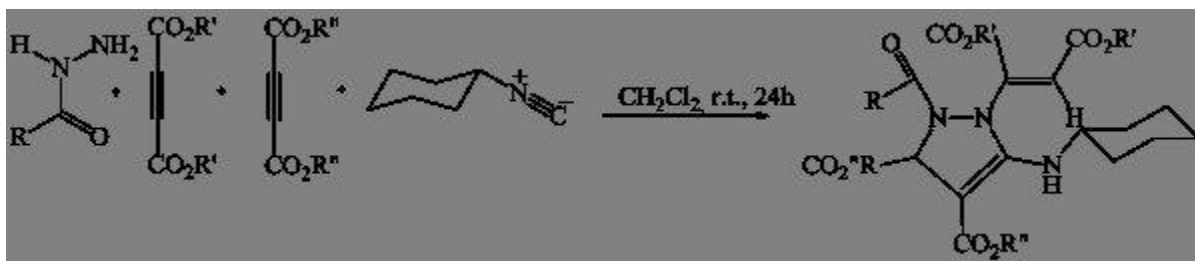
received Mar 20 2012; accepted Jun 27 2012; published Aug 31 2012;

**2. One-pot synthesis of highly functionalised 1*H*-pyrazoles from arylcarbohydrazides, cyclohexyl isocyanide, and acetylene diesters (12-7137NP)**

*Mohammad Anary-Abbasinejad, Nasim Shams and Motahareh Heidari*

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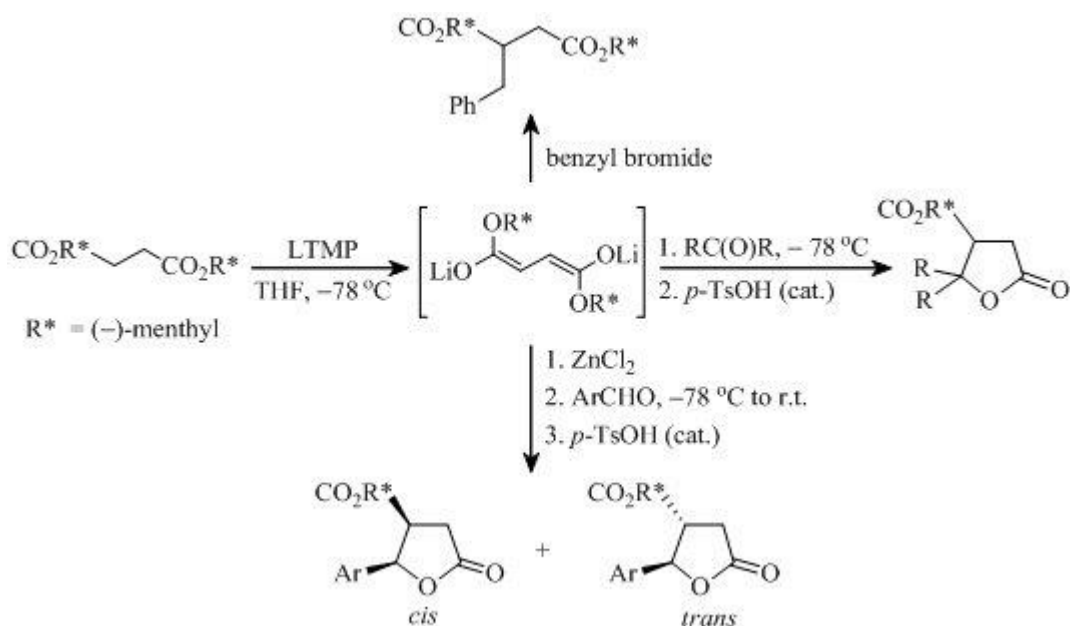
received Dec 3 2011; accepted Jul 29 2012; published Sep 2 2012;

**3. Reactions of the vicinal dianion of di(-)-menthyl succinate with carbonyl compounds and benzyl bromide (12-7523YP)**

Darunee Soorukram, Sariya Yodwaree, Patoomratana Tuchinda, Chutima Kuhakarn, Vichai Reutrakul and Manat Pohmakotr

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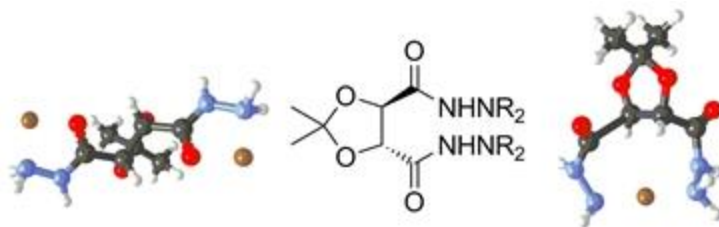
received May 21 2012; accepted Jul 28 2012; published Sep 2 2012;

#### 4. Synthesis and coordination ability of tartrate-derived *N*-alkyl dicarbohydrazides towards Cu<sup>2+</sup> ions (12-7341HP)

Jana Kousalová, Oldřich Pytela and Filip Bureš

Full Text: [PDF \(435K\)](#)

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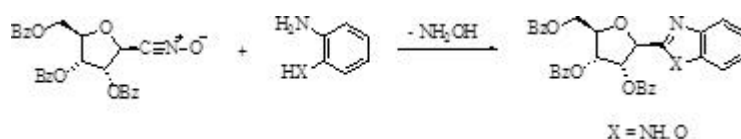
received Feb 29 2012; accepted Jun 14 2012; published Sep 6 2012;

#### 5. Synthesis of $\beta$ -D-ribofuranosylbenzazoles using nitrile oxide addition chemistry (12-7596OP)

Iain A. S. Smellie and R. Michael Paton

Full Text: [PDF \(231K\)](#)

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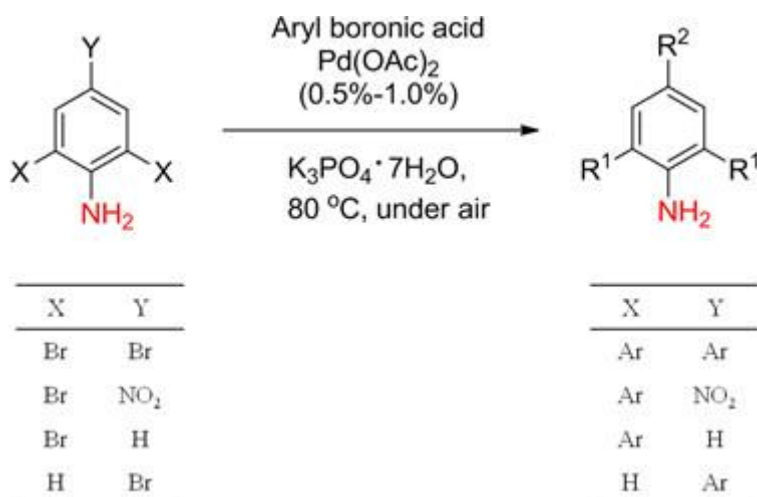
**6. Facile synthesis of mono-, bis- and tris-aryl-substituted aniline derivatives in aqueous DMF (12-7266GP)**

*Chun Liu, Xiaoxiao Song, Qijian Ni and Jieshan Qiu*

Full Text: [PDF \(176K\)](#)

Supplementary Material: [PDF \(2,490K\)](#)

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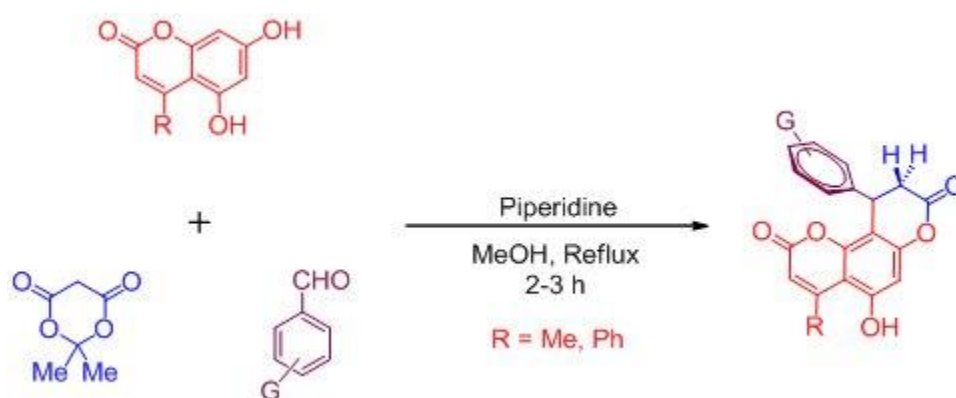
**7. One-pot three-component approach to synthesis of fused heterocyclic compounds: Synthesis of fused pyran-2-ones (12-7419ZP)**

*Bahador Karami, Khalil Eskandari and Saeed Khodabakhshi*

Full Text: [PDF \(264K\)](#)

Supplementary Material: [PDF \(2,691K\)](#)

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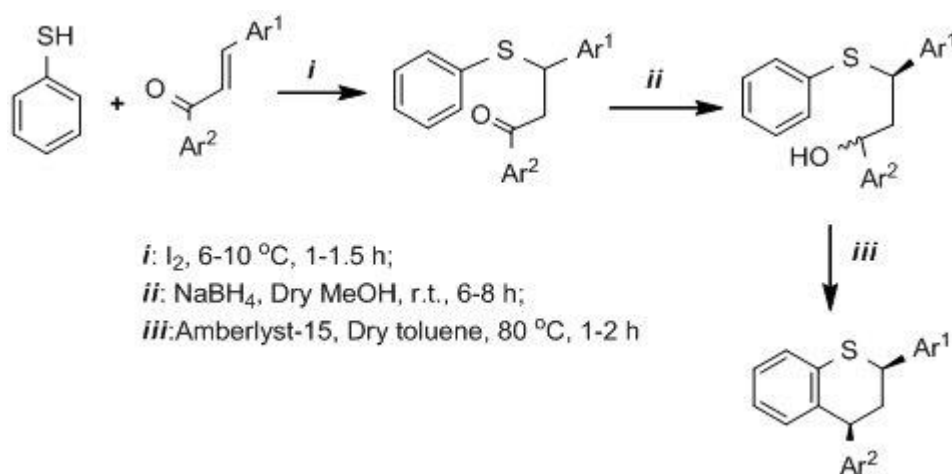
received Apr 8 2012; accepted Jul 28 2012; published Sep 29 2012;

### 8. A facile and highly diastereoselective synthesis of *cis*-2,4-diarylthiochromans (12-7209HP)

Chayan Guha, Rammohan Pal and Asok K. Mallik

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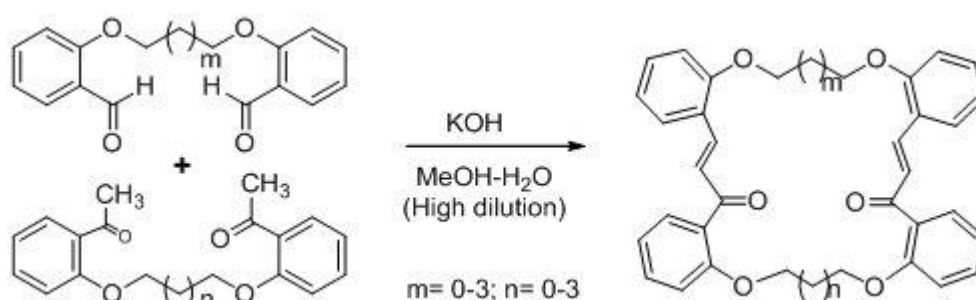
### 9. Simple synthesis of a new family of 22- to 28-membered macrocycles containing two chalcone moieties (12-7621BP)

Rina Mondal, Tapas K. Mandal and Asok K. Mallik

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Supplementary Material: [PDF \(3,735K\)](#)

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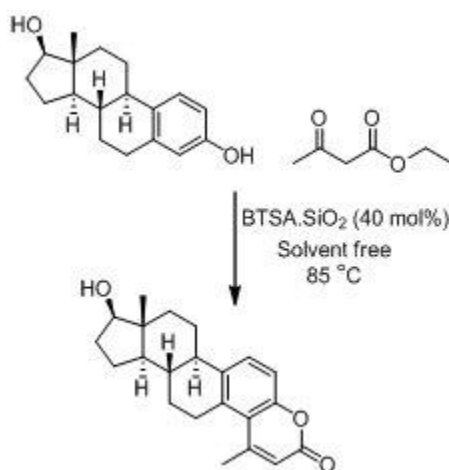
received Jun 27 2012; accepted Sep 21 2012; published Sep 29 2012;

**10. Silica supported boric tri-sulfuric anhydride as a novel and efficient catalyst for solvent-free synthesis of coumarins *via* Pechmann condensation (12-6837MP)**

*Abolfath Aarhami, Ali Khalafi-Nezhad, Saghar Mowlazadeh Haghighi, Rahele Bargebid, Abdolkarim Zare, Ahmad Reza Moosavi-Zare and Marzieh Nikrooz*

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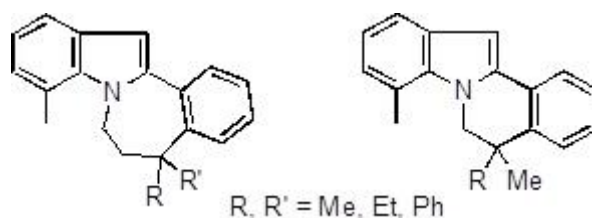
received Aug 12 2011; accepted Jul 26 2012; published Sep 30 2012;

**11. Modern Friedel-Crafts chemistry. Part 35. New synthetic approach to substituted indolo[2,1-*a*][2]benzazepines and indolo[2,1-*a*]isoquinolines *via* Friedel-Crafts cyclialkylations (12-7304IP)**

*Hassan A. K. Abd El-Aal, \* Ali A. Khalaf and Talaat I. El-Emary*

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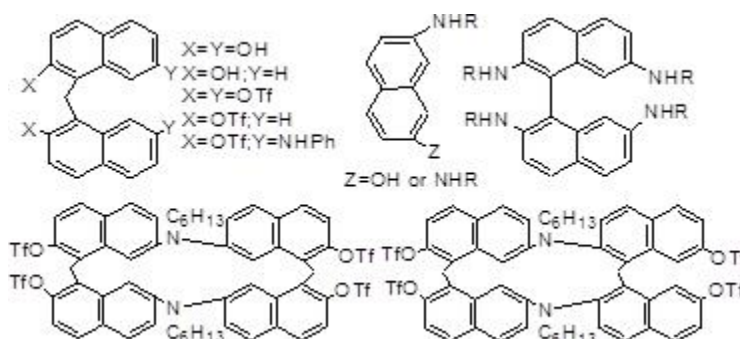
received Feb 11 2012; accepted Sep 4 2012; published Oct 21 2012;

## 12. Amination of oligofunctionalized dinaphthylmethanes: factors affecting the reaction pathway (12-7290IP)

Vera I. Maslennikova, Lyudmila V. Shelenkova, Olga S. Serkova, Larisa K. Vasyanina and Edward E. Nifantiev

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## 13. TBAI-catalyzed oxidative coupling of $\beta$ -ketoesters with carboxylic acid: synthesis of $\alpha$ -carboxylic- $\beta$ -ketoesters (12-7593VP)

Xiaoqing Li, Can Zhou and Xiangsheng Xu

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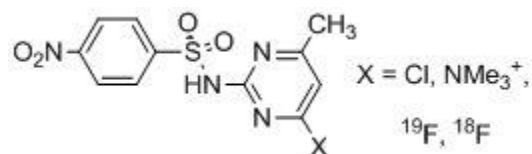
received Jun 14 2012; accepted Sep 16 2012; published Nov 4 2012;

**14. The facile synthesis of a pyrimidinyl sulfonamide (*N,N,N*,6-tetramethyl-2-(4-nitrophenylsulfonamido)pyrimidin-4-ammonium chloride) as a PET tracer precursor (12-7604YP)**

*Peter Gebhardt and Hans Peter Saluz*

Full Text: [PDF \(672K\)](#)

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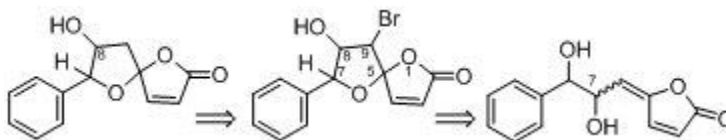
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**15. Oxidative cyclization of  $\gamma$ -alkylidene butenolides. Stereoselective preparation of spirolactones (12-7644NP)**

*Raquel Gal  n Fern  ndez, David Clemente-Tejeda and Francisco Alberto Bermejo*

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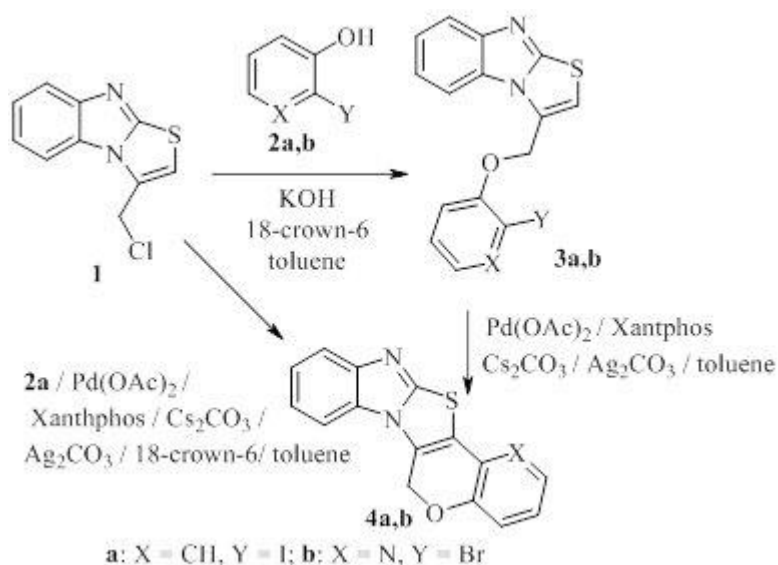
received Jul 9 2012; accepted Oct 26 2012; published Nov 18 2012;

**16. Palladium-catalyzed synthesis of novel tetra- and penta-cyclic biologically active benzopyran- and pyridopyran-containing heterocyclic systems (12-7323GP)**

*Tatjana Beresneva, Anatoly Mishnev, Elina Jaschenko, Irina Shestakova, Anita Gulbe and Edgars Abele*

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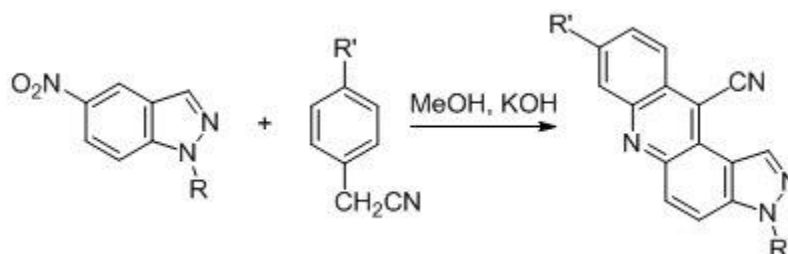
received Feb 21 2012; accepted Sep 6 2012; published Nov 21 2012;

### 17. Synthesis of new fluorescent compounds from 5-nitro-1*H*-indazole (12-7532DP)

Vahid Pakjoo, Mina Roshani, Mehdi Pordel and Toktam Hoseini

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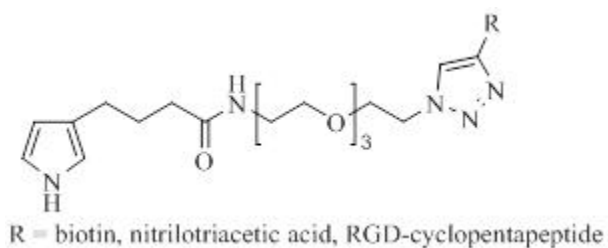
### 18. Linking applicatory functions to the 3-position of pyrrole by click chemistry (12-7571BP)

Sebastian Karsten, Alexandrina Nan, J  rgen Liebscher

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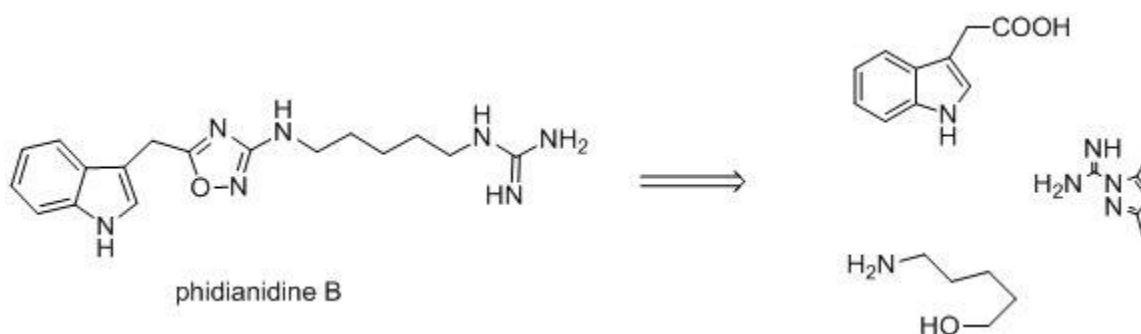
### 19. Synthesis of Phidianidine B, a highly cytotoxic 1,2,4-oxadiazole marine metabolite (12-7639NP)

*Emiliano Manzo, Dario Pagano, Marianna Carbone, M. Letizia Ciavatta and Margherita Gavagnin*

Full Text: [PDF \(267K\)](#)

Supplementary Material: [PDF \(935K\)](#)

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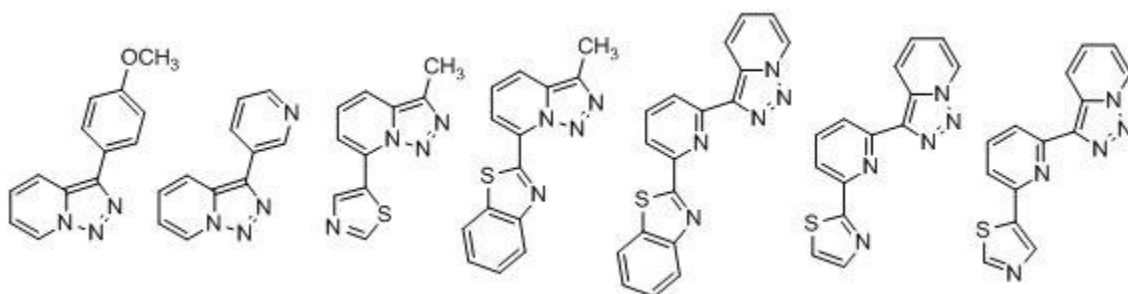
received Jul 6 2012; accepted Nov 20 2012; published Dec 1 2012;

### 20. Triazolopyridines. Part 29. Direct arylation reactions with [1,2,3]triazolo[1,5-*a*]pyridines (12-7695DP)

*Belen Abarca, Rosa Adam, Rafael Ballesteros, Leonardo Chiassai and Cristina Gamã*

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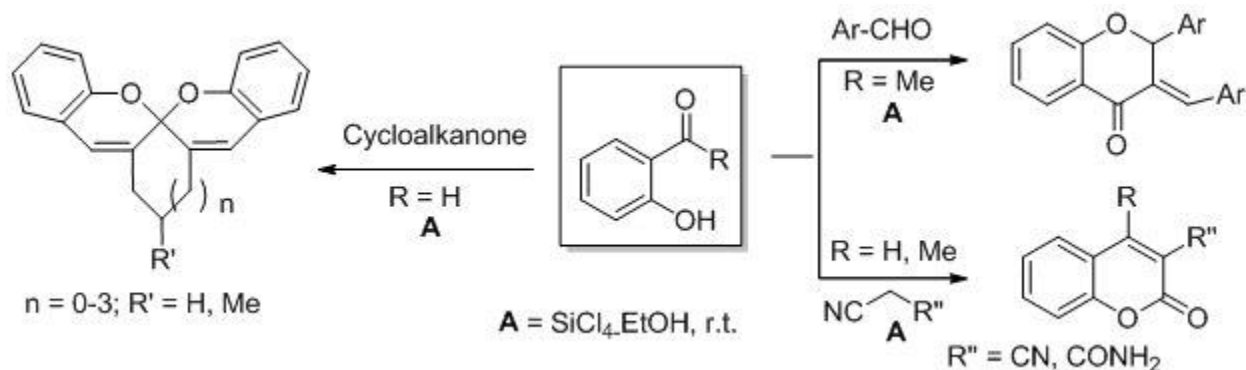
received Aug 1 2012; accepted Nov 18 2012; published Dec 2 2012;

**21. Silicon-assisted O-heterocyclic synthesis: mild and efficient one-pot syntheses of (*E*)-3-arylidene flavanones, coumarin-3-carbonitriles/ carboxamides, and benzannulated spiropyran derivatives (12-7709SP)**

Tarek A. Salama, Mohamed A. Ismail, Abdel-Galil M. Khalil and Saad S. Elmorsy

Full Text: [PDF \(150K\)](#)

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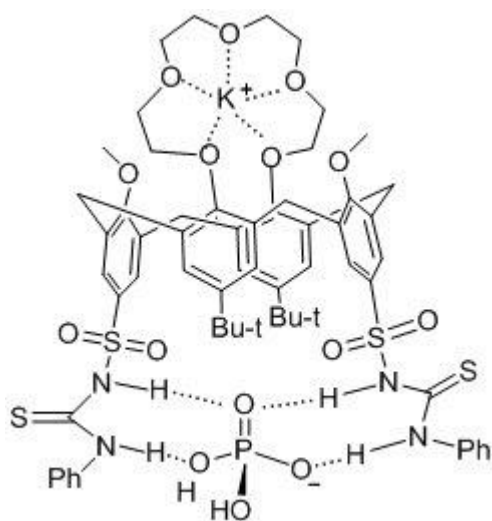
received Aug 3 2012; accepted Nov 25 2012; published Dec 16 2012;

**22. The aqueous-phase synthesis of sulfonylthioureas and a study of their properties as anion receptors (12-7741ZP)**

Cong-Wen Ding, Hai-Feng Yu, Rui-Min Li, Xiang-Fu Jiang and Bin Luo

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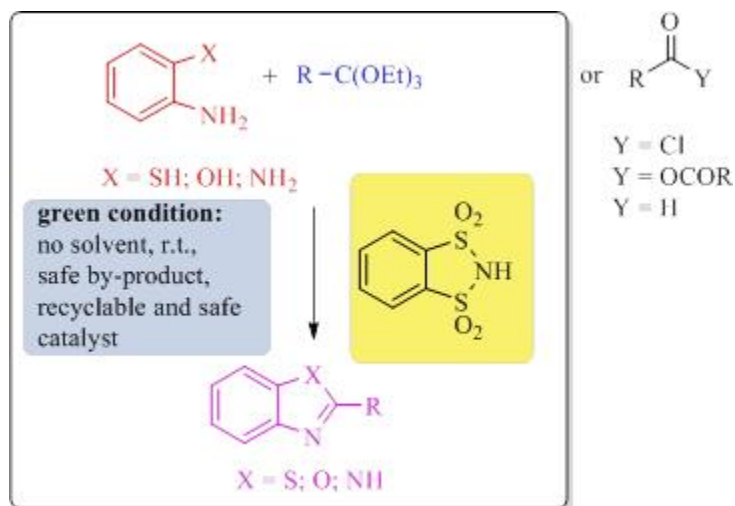
### 23. The efficient *o*-benzenedisulfonimide catalysed synthesis of benzothiazoles, benzoxazoles and benzimidazoles (12-7701GP)

Margherita Barbero, Silvano Cadamuro and Stefano Dughera

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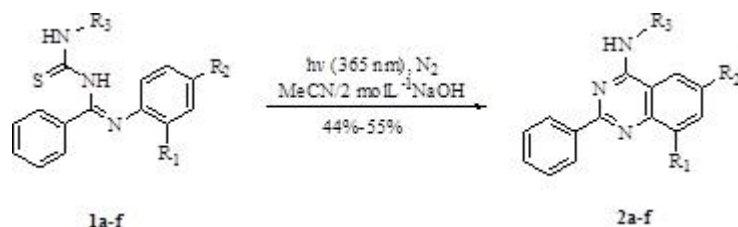
### 24. Photosynthesis of novel 4-arylamino-2-phenyl-6-substituted-quinazoline (12-7576MP)

Zhi-Yong Xing, Ying Fu and Fei Ye

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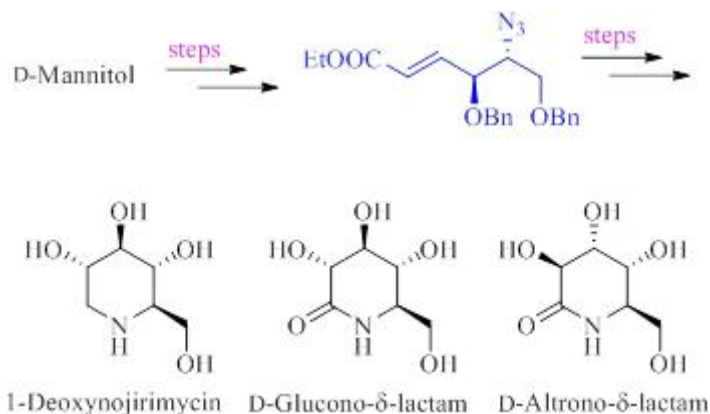
**25. Stereoselective synthesis of 1-deoxynojirimycin, D-glucono- $\delta$ -lactam and D-altrono- $\delta$ -lactam from a common chiral intermediate derived from D-mannitol (12-7713VP)**

Mettu Ravinder, Thatikonda Narendar Reddy, Budde Mahendar and Vaidya Jayathirtha Rao

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

Supplementary Material: [PDF \(1,236K\)](#)

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