

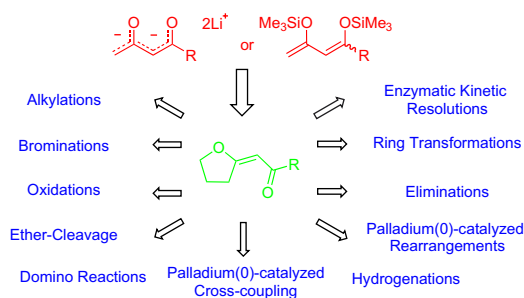
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Recent advances in the chemistry of 2-(2-oxoalkylidene)tetrahydrofurans

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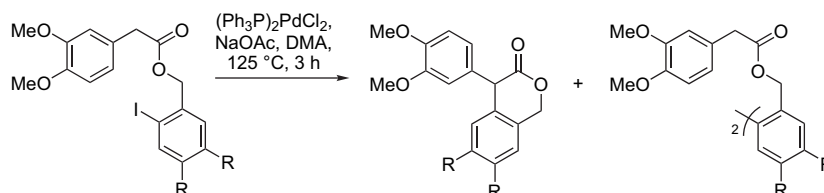


ARTICLES

Synthesis of benzo[*c*]chromen-6-ones via novel cyclic aryl–Pd(II)–ester enolate intermediates

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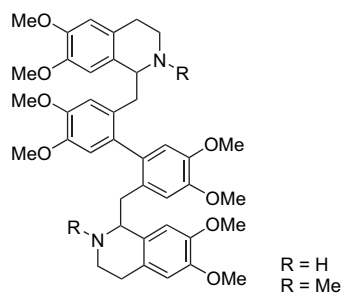
Stephen R. Taylor, Alison T. Ung\* and Stephen G. Pyne\*



The synthesis of 2',2'-bis-benzylisoquinolines and their cytostatic activities

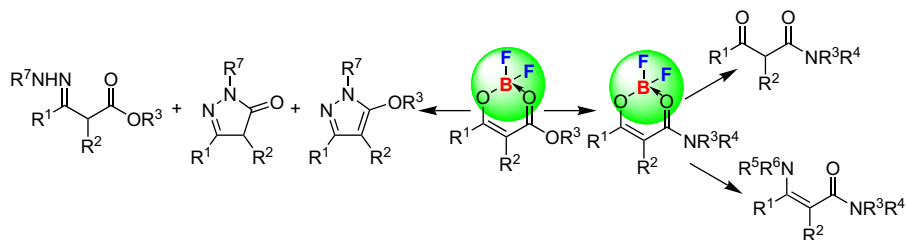
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Stephen R. Taylor, Alison T. Ung\* and Stephen G. Pyne\*



## Aminolysis of 2,2-difluoro-4-alkoxy-1,3,2-dioxaborinanes: route to $\beta$ -keto amides and $\beta$ -enamino carboxamides pp 10902–10913

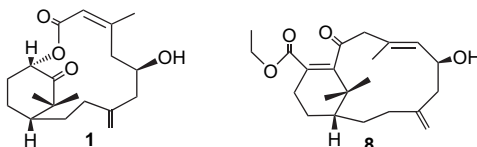
Bogdan Štefane\* and Slovenko Polanc



A wide variety of 2,2-difluoro-4-alkoxy-1,3,2-dioxaborinanes are converted to the  $\beta$ -keto amides and  $\beta$ -enamino carboxamides via 4-alkyl-amino-1,3,2-dioxaborinanes using alkylamines.

## Eight new diterpenoids from soft coral *Cespitularia hypotentaculata* pp 10914–10920

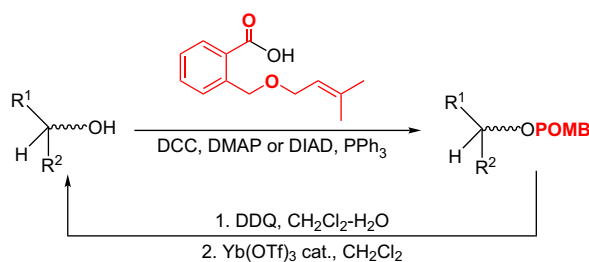
Ya-Ching Shen,\* Ying-Ru Wu, Jyun-Jhou Lin, Kuang-Liang Lo, Yuh-Chi Kuo and Ashraf Taha Khalil



Chemical investigation of the soft coral *Cespitularia hypotentaculata* resulted in the isolation of eight new diterpenes, cespiphytins E–L (1–8). Compounds 7 and 8 exhibited immunomodulatory activities.

## 2-(Prenyloxymethyl)benzoyl (POMB) group: a new temporary protecting group removable by intramolecular cyclization pp 10921–10929

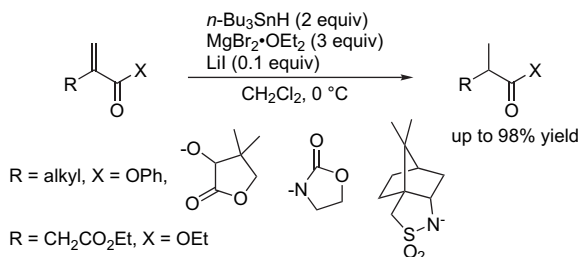
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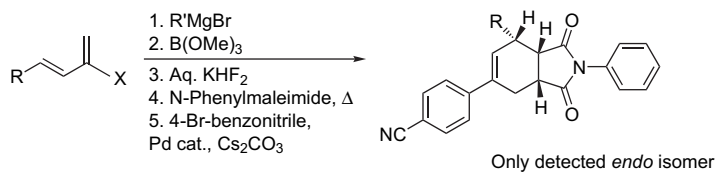
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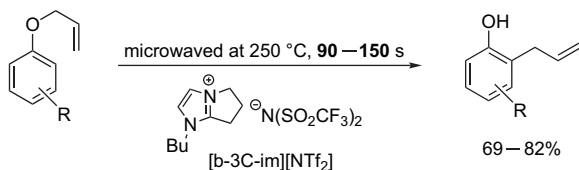
The conjugate reduction of  $\alpha,\beta$ -unsaturated esters and amides, such as the depicted substrates, with tributyltin hydride proceeded in moderate to high yields in the presence of magnesium bromide diethyl etherate (and lithium iodide).



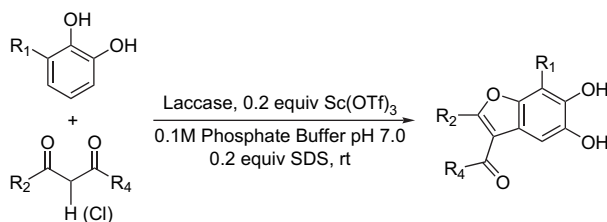
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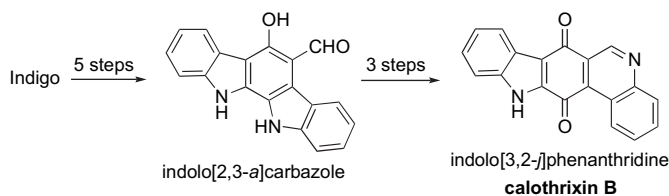


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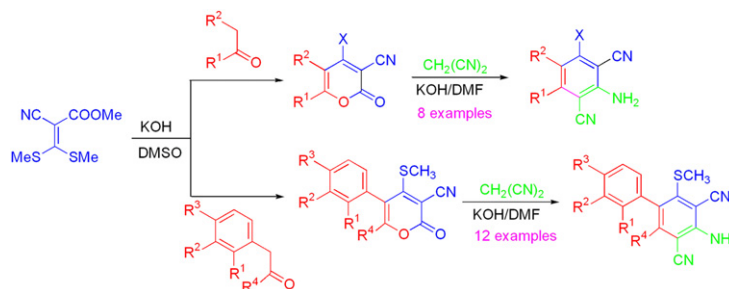
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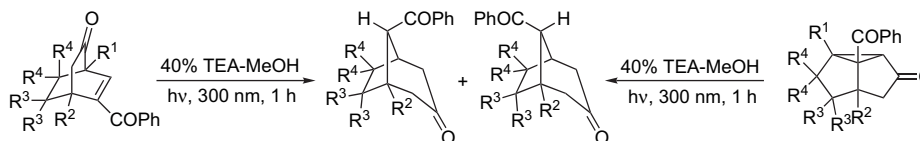
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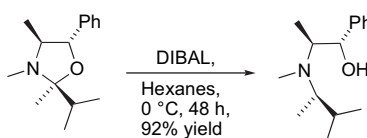
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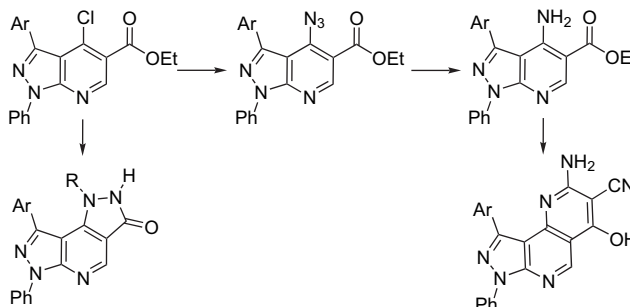
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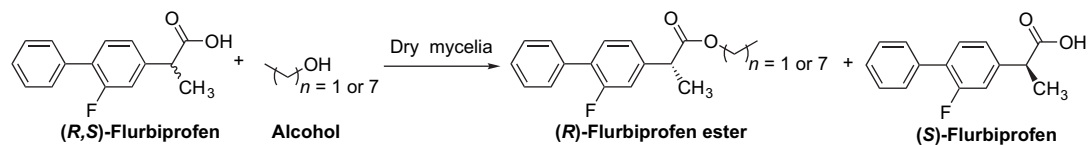
Dhananjay B. Kendre, Raghunath B. Toche and Madhukar N. Jachak\*



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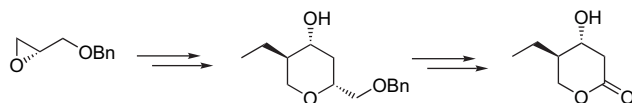
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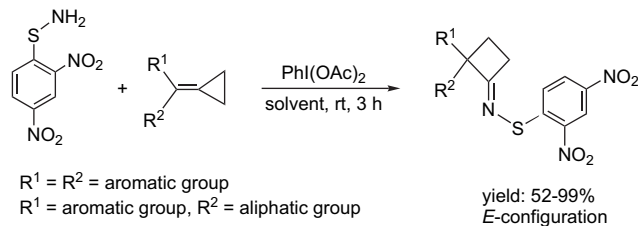
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M. Somi Reddy, M. Narender and K. Rama Rao\*

**PhI(OAc)<sub>2</sub>-mediated additions of 2,4-dinitrophenylsulfenamide with methylenecyclopropanes (MCPs) and a methylenecyclobutane (MCB)**

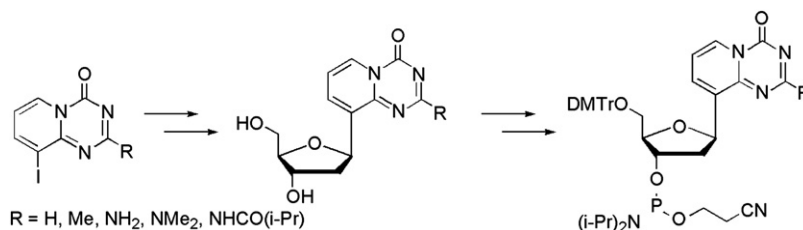
pp 11016–11020

Wei Li and Min Shi\*

PhI(OAc)<sub>2</sub>-mediated highly stereoselective addition of 2,4-dinitrophenylsulfenamide with methylenecyclopropanes (MCPs) to give the corresponding ring enlargement products in good yields.**Syntheses of pyrido[1,2-*a*][1,3,5]triazin-4-one C-deoxyribonucleosides**

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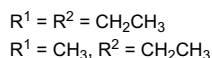
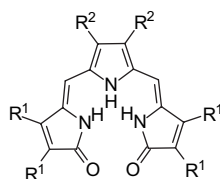
Hiroshi Oda,\* Takeshi Hanami, Takashi Iwashita, Miki Kojima, Masayoshi Itoh and Yoshihide Hayashizaki



**Intermolecularly hydrogen-bonded dimeric helices: tripyrrindiones**

pp 11030–11039

Steven D. Roth, Tetyana Shkindel and David A. Lightner\*

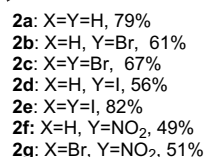
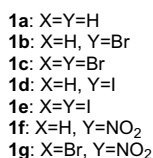
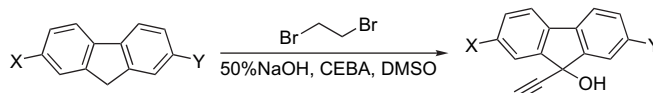


Tripyrrindiones, a rare class of violet-colored tripyrrolic compounds, can be prepared from 3-pyrroline-2-ones and pyrrole-2,5-dialdehydes and form intermolecularly hydrogen-bonded dimers in  $\text{CDCl}_3$  and in the crystal.

**Synthesis of 9-ethynyl-9-fluoreneol and its derivatives for crystallographic and optical properties study**

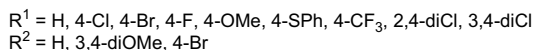
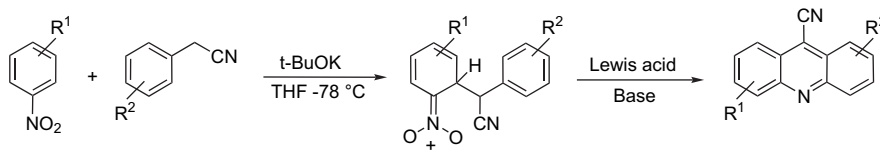
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Jianchuan Ye, Jingyan Ge, Xiaopeng Chen, Zujin Zhao and Ping Lu\*

**Efficient formation of  $\sigma^{\text{H}}$ -adducts as a key step in the synthesis of acridines via Lewis acid-promoted transformations of the nitro group**

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Mariusz Bobin, Andrzej Kwast and Zbigniew Wróbel\*

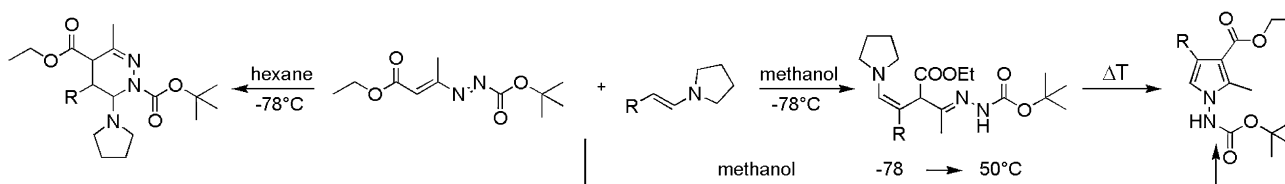


20 - 83% yield

**Divergent and solvent dependent reactions of 4-ethoxycarbonyl-3-methyl-1-tert-butoxycarbonyl-1,2-diaza-1,3-diene with enamines**

pp 11055–11065

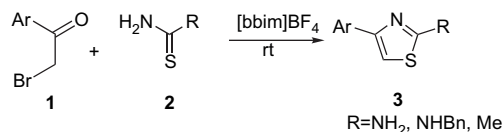
Elisabetta Rossi,\* Giorgio Abbiati, Orazio A. Attanasi, Silvia Rizzato and Stefania Santeusano



**Efficient synthesis of 2,4-disubstituted thiazoles using ionic liquid under ambient conditions: a practical approach towards the synthesis of Fanetizole**

pp 11066–11069

Taterao M. Potewar, Sachin A. Ingale and Kumar V. Srinivasan\*

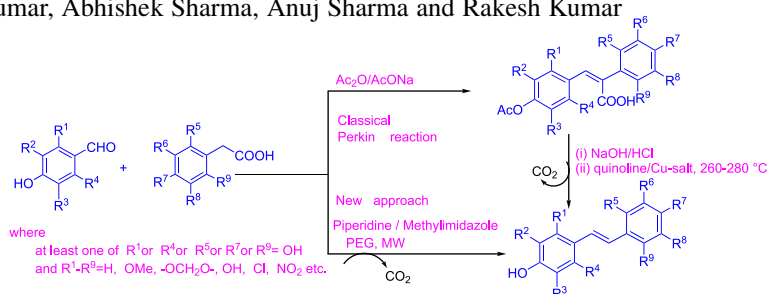


A highly efficient and rapid synthesis of 2-amino-4-arylthiazole and 2-methyl-4-arylthiazole from  $\alpha$ -bromoketone and thiourea/thioamide is described using room temperature ionic liquid at ambient conditions. The method is simple, rapid and practical, generating thiazole derivatives in excellent isolated yields. This protocol is utilized for a commercially feasible synthesis of an anti-inflammatory agent, Fanetizole.

**An unusual, mild and convenient one-pot two-step access to (E)-stilbenes from hydroxy-substituted benzaldehydes and phenylacetic acids under microwave activation: a new facet of the classical Perkin reaction**

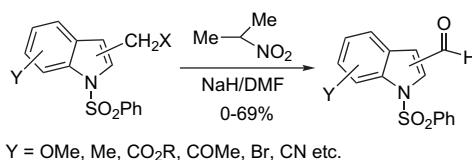
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Arun K. Sinha,\* Vinod Kumar, Abhishek Sharma, Anuj Sharma and Rakesh Kumar

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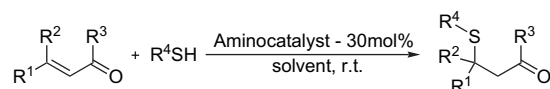
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Ramalingam Balamurugan and Arasambattu K. Mohanakrishnan\*

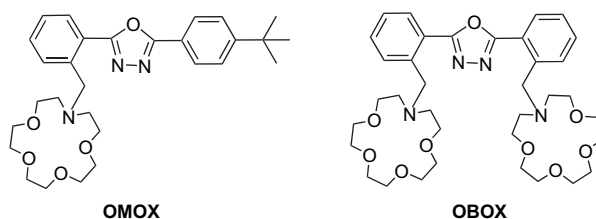
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Atul Kumar\* and Akanksha



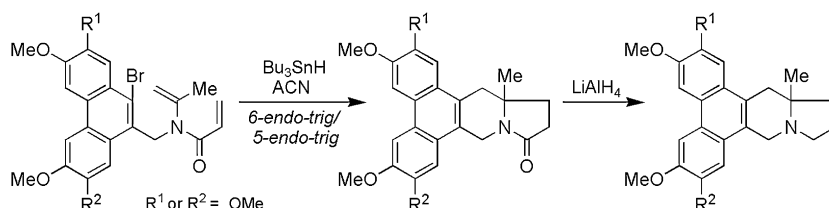
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 Sabir H. Mashraqui,\* Subramanian Sundaram, Tabrez Khan and A. C. Bhasikuttan



**OBOX**, which is better of the two hosts exhibited binding order  $Zn^{2+} \gg Cd^{2+} > Mg^{2+} > Ba^{2+} > Ca^{2+} > Li^+ > K^+ > Na^+$ .

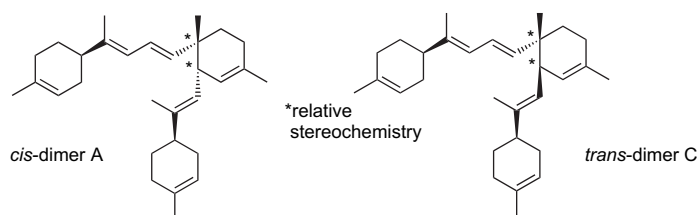
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Kosuke Takeuchi, Atsuko Ishita, Jun-ichi Matsuo and Hiroyuki Ishibashi\*



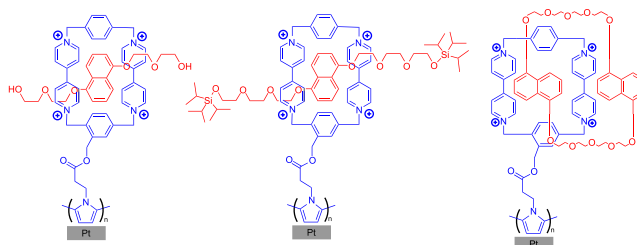
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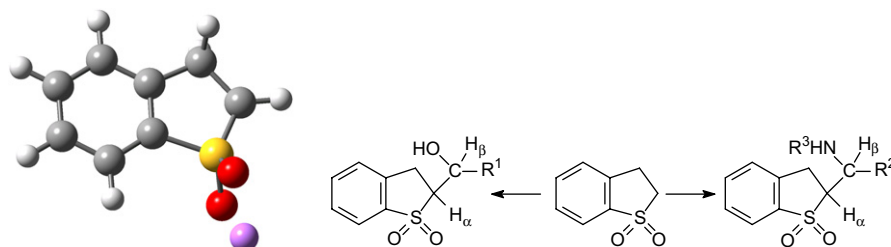
Graeme Cooke,\* Lee M. Daniels, Francine Cazier, James F. Garety, Shanika Gunatilaka Hewage, Andrew Parkin, Gouher Rabani, Vincent M. Rotello, Chick C. Wilson and Patrice Woisel\*





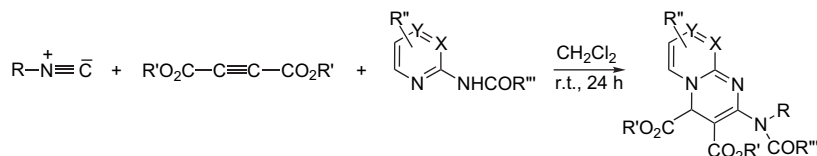
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Enzo Cadoni,\* Massimiliano Arca, Stefania De Montis, Claudia Fattuoni, Efsio Perra, Maria G. Cabiddu, Michele Usai and Salvatore Cabiddu



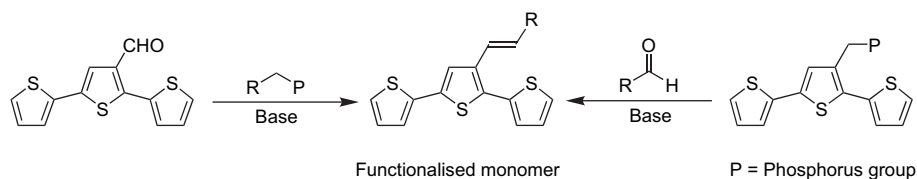
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Mehdi Adib,\* Mohammad Hosein Sayahi, Hakimeh Ziyadi, Hamid Reza Bijanzadeh and Long-Guan Zhu



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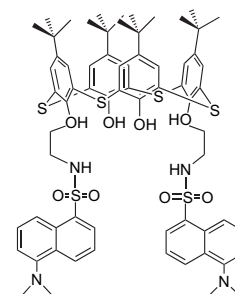
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**Bifunctional fluorescent thiacalix[4]arene based chemosensor for Cu<sup>2+</sup> and F<sup>-</sup> ions** pp 11153–11159

Vandana Bhalla,\* Rajesh Kumar, Manoj Kumar\* and Abhimanew Dhir

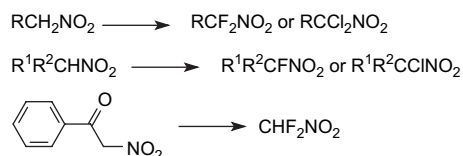
A new thiacalix[4]arene based fluorescent sensor bearing two dansyl groups has been synthesized which selectively complexes Cu<sup>2+</sup> and F<sup>-</sup> ions over other metal ions and anions tested.



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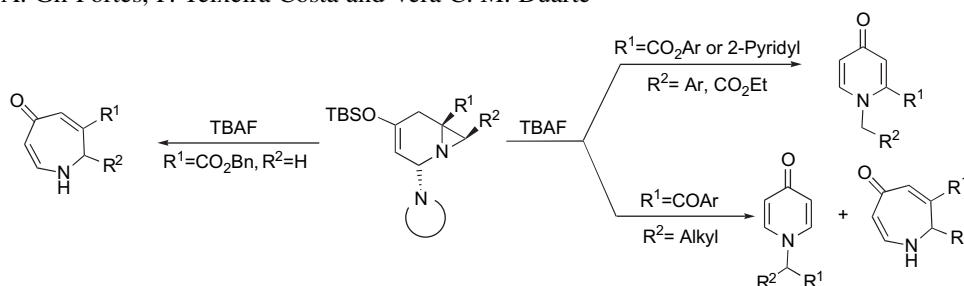
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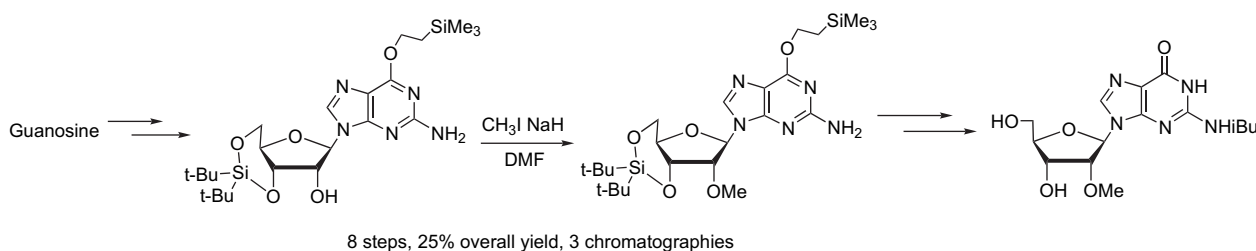
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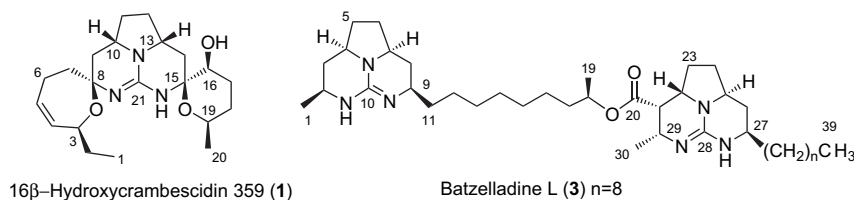
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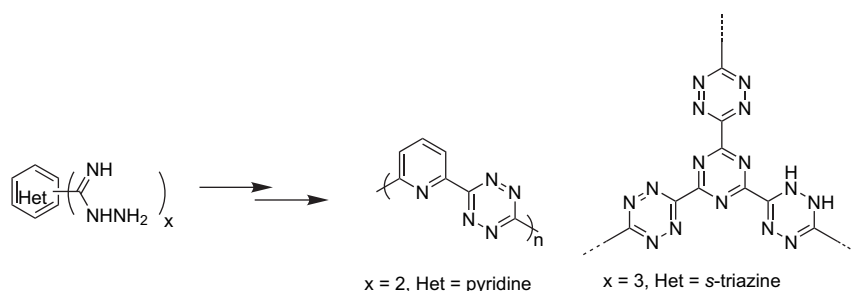
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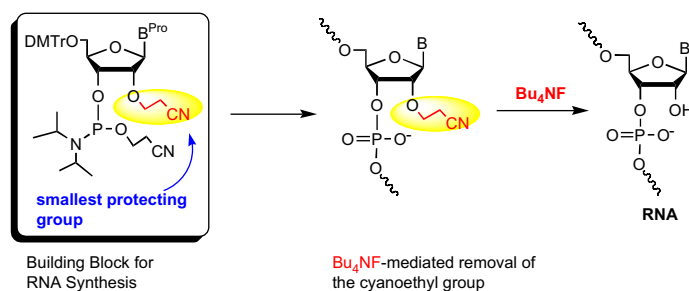
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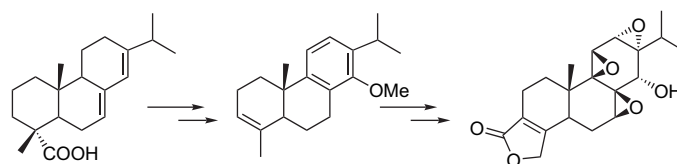
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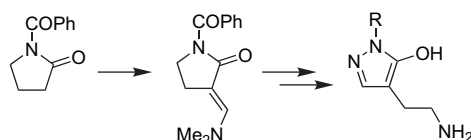
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David Kralj, Uroš Grošelj, Anton Meden, Georg Dahmann, Branko Stanovnik and Jurij Svete\*



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\*Corresponding author

 \*Supplementary data available via ScienceDirect

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