



## Tetrahedron Vol. 67, Issue 43, 2011

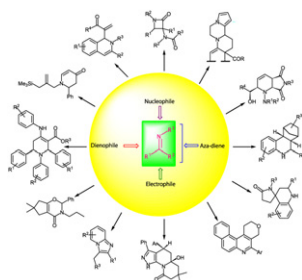
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Lokman H. Choudhury\*, Tasneem Parvin\*

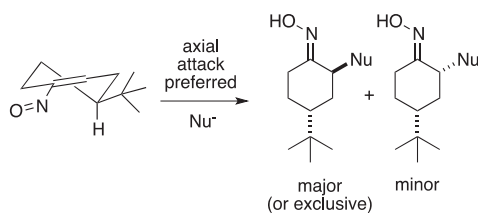


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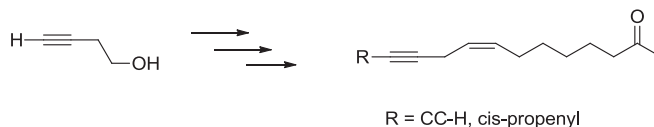
Ritobroto Sengupta, Jason A. Witek, Steven M. Weinreb\*



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George A. Kraus\*, Feng Liu

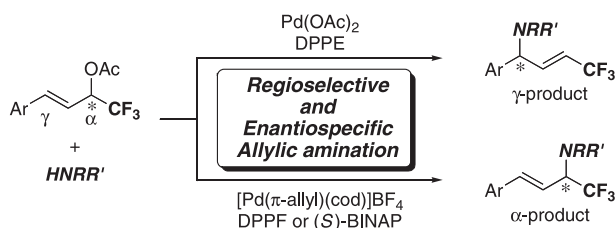
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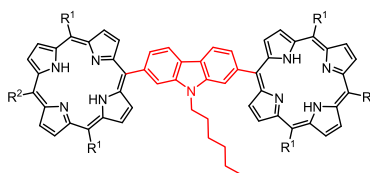
Takuya Hirakawa, Kazunori Ikeda, Daiji Ikeda, Tomoko Tanaka, Hiroshi Ogasa, Motoi Kawatsura\*, Toshiyuki Itoh\*



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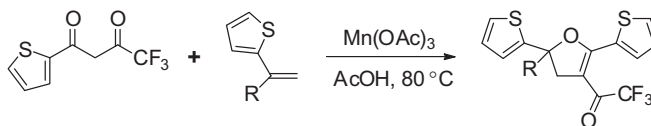
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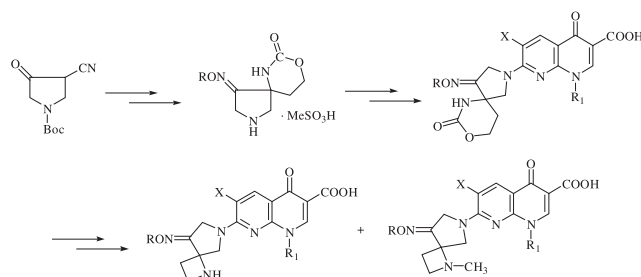
Mehmet Yilmaz



**Synthesis of naphthyridone derivatives containing 8-alkoxyimino-1,6-dizaspiro[3.4]octane scaffolds**

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Lian-Shun Feng, Ming-Liang Liu\*, Shuo Wang, Yun Chai, Kai Lv, Guang-Zhi Shan, Jue Cao, Su-Jie Li, Hui-Yuan Guo

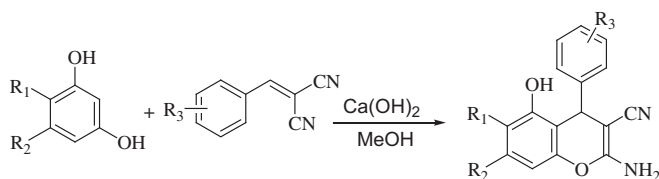


A novel series of naphthyridone derivatives containing 8-alkoxyimino-1,6-dizaspiro[3.4]octane scaffolds were designed and synthesized. The synthetic methods were investigated and the mechanisms were postulated.

**Ca(OH)<sub>2</sub>-mediated efficient synthesis of 2-amino-5-hydroxy-4H-chromene derivatives with various substituents**

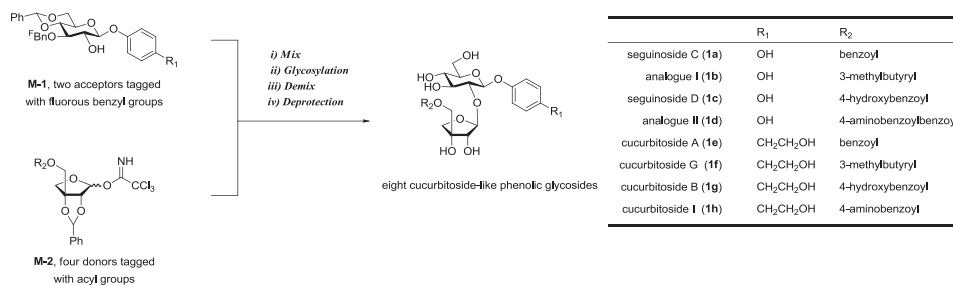
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Srinivasa Rao Kolla, Yong Rok Lee\*

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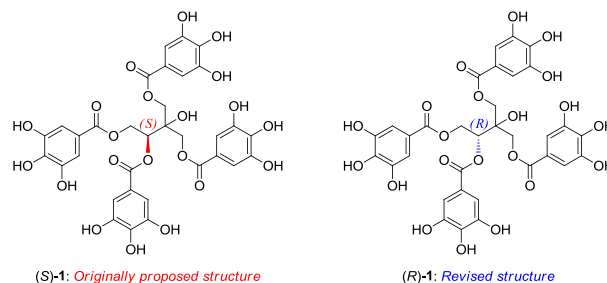
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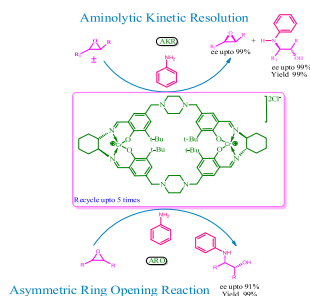
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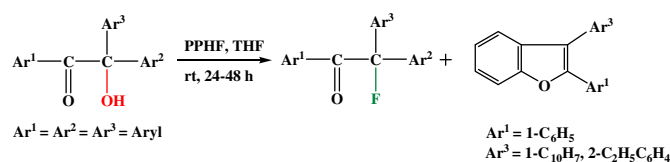
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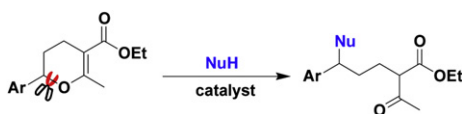
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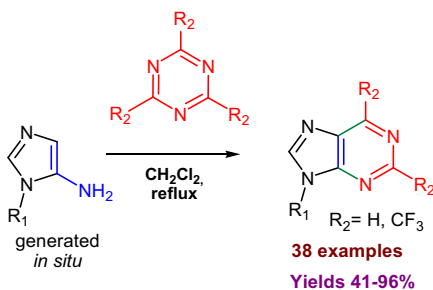
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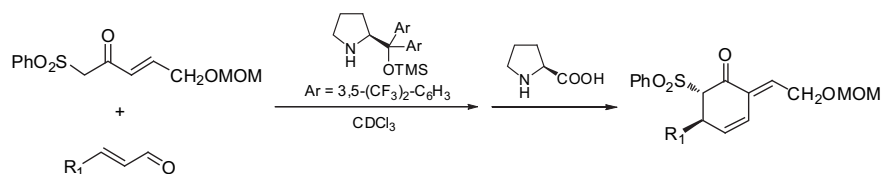
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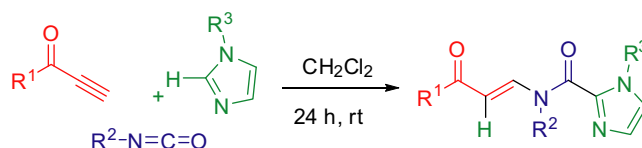
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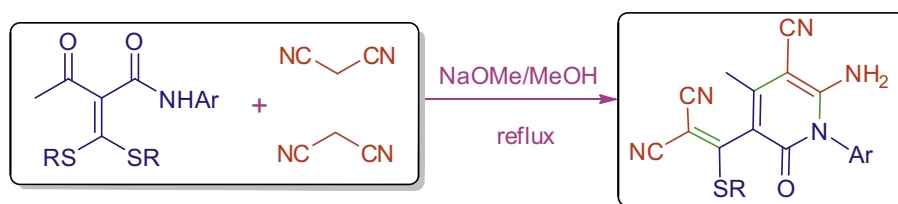
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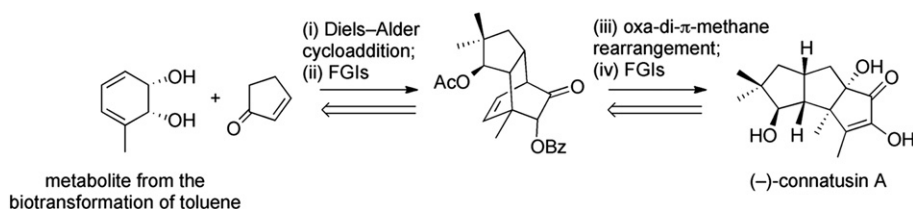
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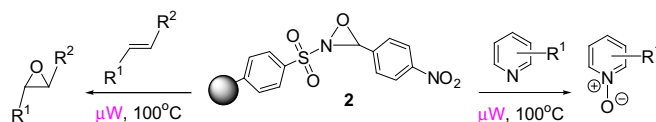
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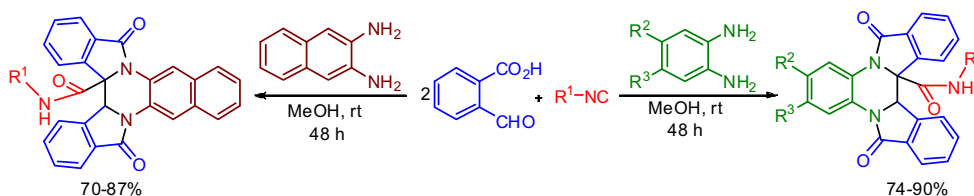
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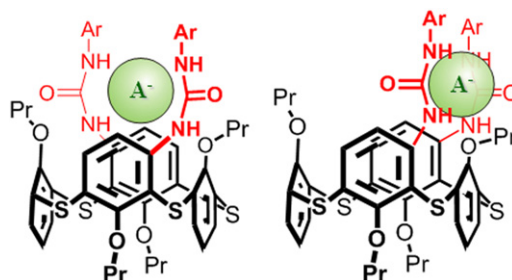
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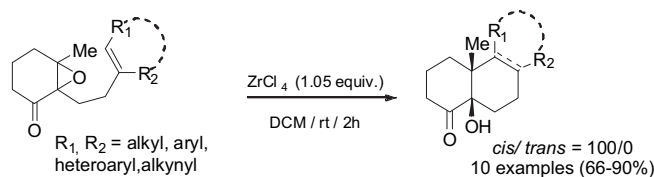
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Ondřej Kunderát, Václav Eigner, Petra Cuřínová, Jan Kroupa, Pavel Lhoták\*


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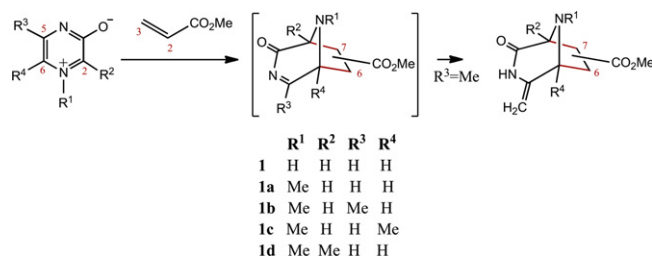
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### 1,3-Dipolar cycloaddition of 1*H*-pyrazinium-3-olate and *N*1- and *C*-methyl substituted pyrazinium-3-olates with methyl acrylate: a density functional theory study

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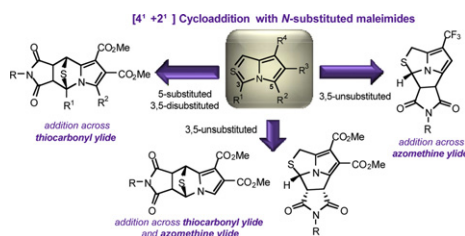
Lydia Rhyman, Hassan H. Abdallah, Sabina Jhaumeer-Laulloo, Luis R. Domingo, John A. Joule, Ponnadurai Ramasami\*



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Maria I.L. Soares, Clara S.B. Gomes, Teresa M.V.D. Pinho e Melo\*



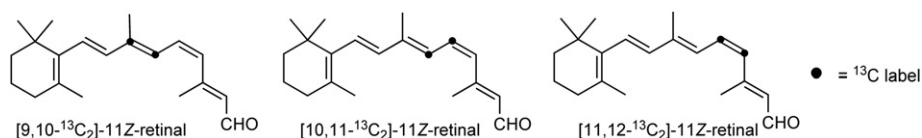
The  $[4\pi+2\pi]$  cycloaddition of non-classical heterocyclic-fused-[c]thiazoles was explored allowing the synthesis of a range of new nitrogen-bridged bi-, tri- and tetracyclic heterocyclic compounds namely, pyrazolo[1,5-*a*]pyridines, thiazolo[2,3,4-*cd*]pyrrolizines and indolizines. For the first time, one non-classical pyrrolo[1,2-*c*]thiazole was isolated and its structure determined by X-ray crystallography.



### Syntheses of <sup>13</sup>C<sub>2</sub>-labelled 11Z-retinals

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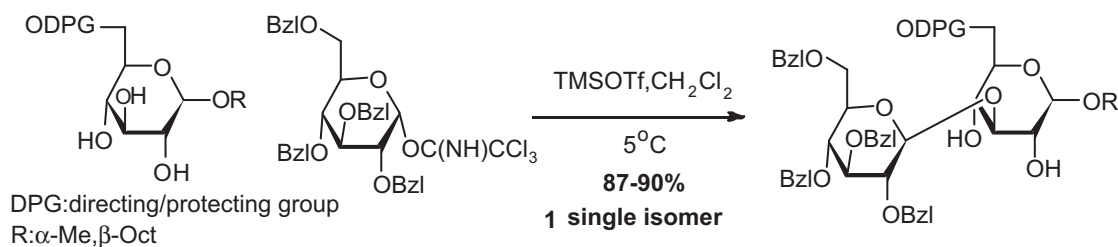
Neville J. McLean, Axel Gansmuller, Maria Concistre, Lynda J. Brown, Malcom H. Levitt, Richard C.D. Brown\*



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Janice Lawandi, Sylvain Rocheleau, Nicolas Moitessier\*



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\*Corresponding author

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ISSN 0040-4020