



Tetrahedron Vol. 67, Issue 7, 2011

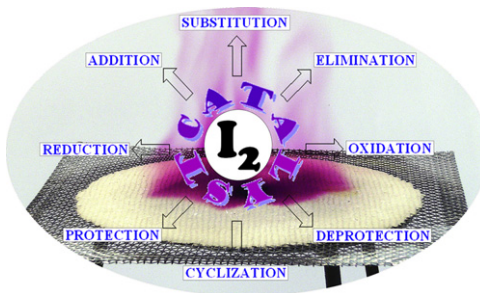
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Iodine-catalyzed transformation of molecules containing oxygen functional groups

Marjan Jereb*, Dejan Vražič, Marko Zupan

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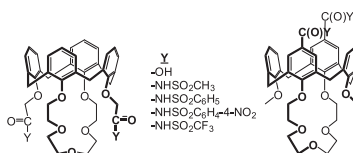


ARTICLES

Lower-rim versus upper-rim functionalization in di-ionizable calix[4]arene-crown-5 isomers. Synthesis and divalent metal ion extraction

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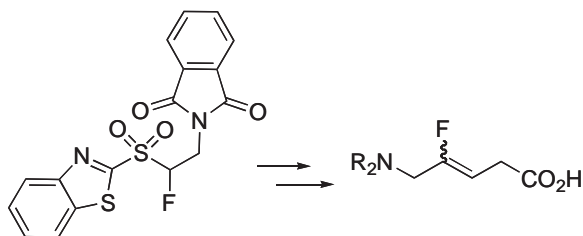
Yanfei Yang, Gaurav Arora, Fernando A. Fernandez, Jennifer D. Crawford, Kazimierz Surowiec, Eun Kyung Lee, Richard A. Bartsch*



Convergent synthesis of functionalized fluoroallylamines by the Julia–Kocienski reaction

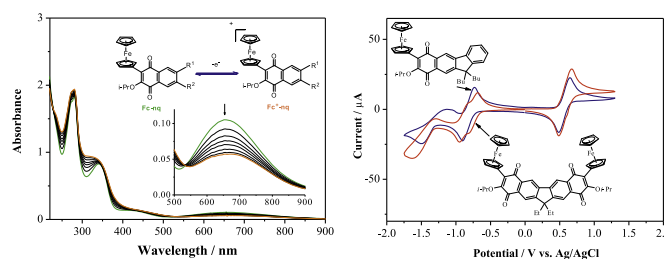
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Charlène Calata, Emmanuel Pfund, Thierry Lequeux*

**Synthesis and electro-spectroelectrochemistry of ferrocenyl naphthaquinones**

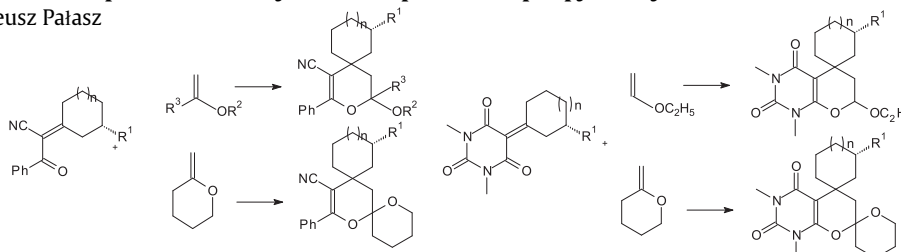
pp 1406–1421

Baris Yucel*, Bahar Sanli, Huseyin Soylemez, Ismail Yilmaz*

**Knoevenagel condensation of cyclic ketones with benzoylacetonitrile and *N,N'*-dimethylbarbituric acid. Application of sterically hindered condensation products in the synthesis of spiro and dispiropyrans by hetero-Diels–Alder reactions**

pp 1422–1431

Aleksandra Pałasz*, Tadeusz Pałasz

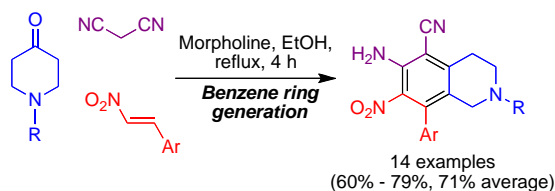


The inverse–electron demand Diels–Alder cycloadditions of sterically hindered cycloalkylidene derivatives of benzoylacetonitrile and *N,N'*-dimethylbarbituric acid with enol ethers, cyclic enol ether and cycloalkylidenecycloalkanes were investigated. New spiro and dispirodihydropyrans, spiro, and dispiroauracils were obtained.

A three-component domino protocol for the facile synthesis of highly functionalized tetrahydroisoquinolines by creation of their benzene ring

pp 1432–1437

Kamaraj Balamurugan, Veerappan Jeyachandran, Subbu Perumal*, J. Carlos Menéndez*



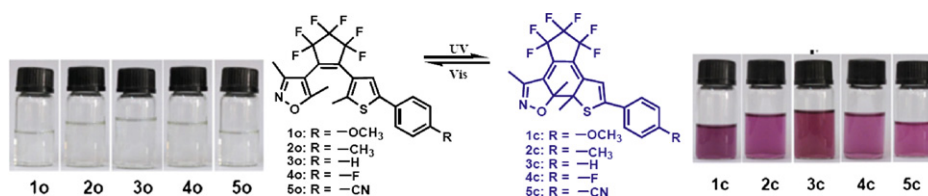
The three-component reaction between 4-piperidones, nitrostyrenes, and malononitrile in the presence of morpholine afforded good yields of pentasubstituted tetrahydroisoquinolines in a single synthetic operation.



Synthesis and the effects of substitution upon photochromic diarylethenes bearing an isoxazole moiety

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Shouzhi Pu*, Hui Li, Gang Liu, Weijun Liu, Shiqiang Cui, Congbin Fan

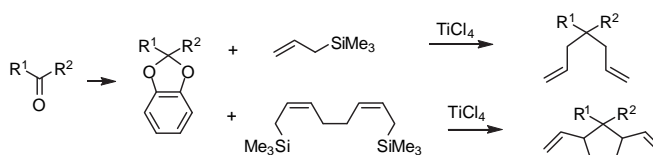


A new class of diarylethenes based on a hybrid structure of bis(4-isoxazolyl)ethene and bis(3-thienyl)ethene were synthesized and substituent effects on their optical and electrochemical properties were investigated systematically.

Allylsilane and diallylsilane reactions with functionalized ethylene ketals or benzodioxoles

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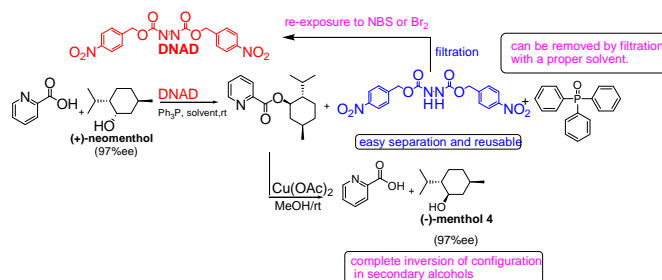
Nicolas Galy, Delphine Moraleda, Maurice Santelli*



Di-*p*-nitrobenzyl azodicarboxylate (DNAD): an alternative azo-reagent for the Mitsunobu reaction

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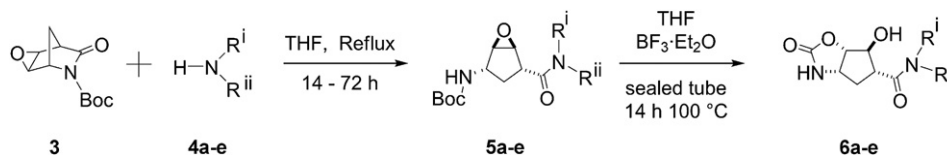
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Chemoselective opening of Vince lactam epoxide with nitrogen nucleophiles

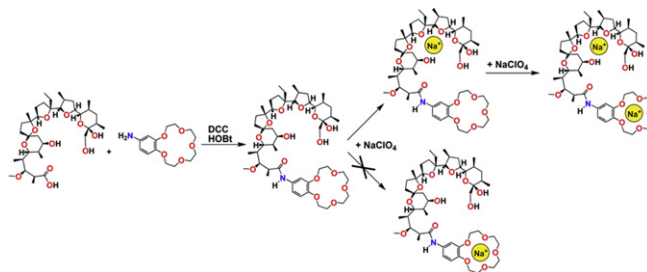
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Gianluca Giorgi, Luca Guideri, Fabio Ponticelli*



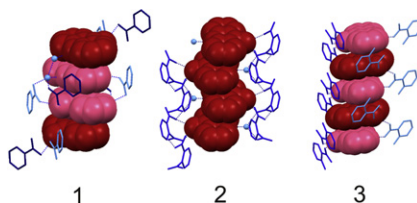
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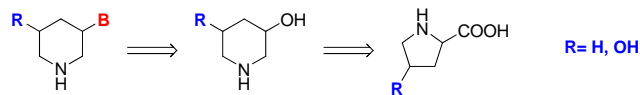
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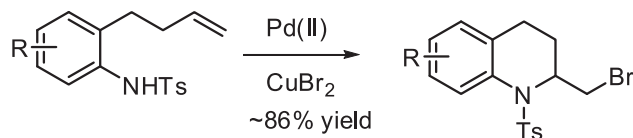
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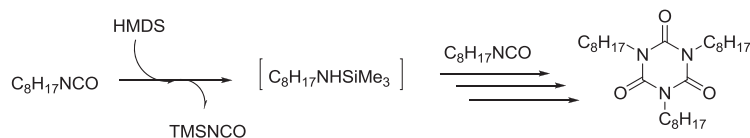
Feng Jiang, Zhengxing Wu, Wanbin Zhang*



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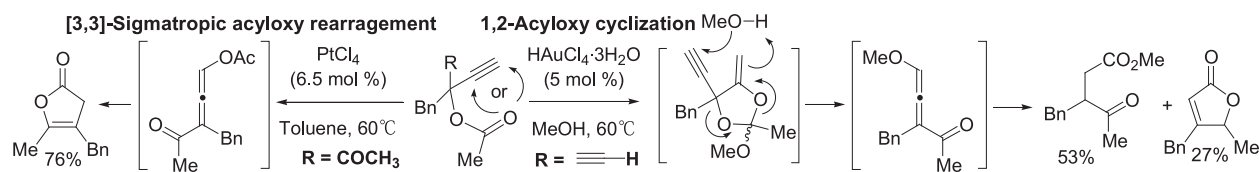
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Mihaela Roman, Bruno Andrioletti, Marc Lemaire*, Jean-Marie Bernard, Johannes Schwartz, Philippe Barbeau

**Gold and platinum catalyzed cascade reaction of propargyl acetates bearing terminal alkynes or methyl ketones**

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Taichi Kusakabe, Keisuke Kato*



*Corresponding author

Supplementary data available via ScienceDirect



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