

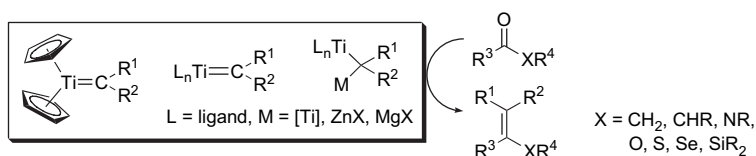
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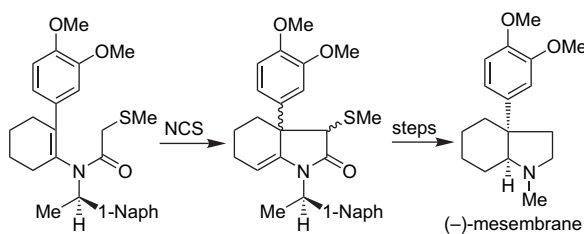


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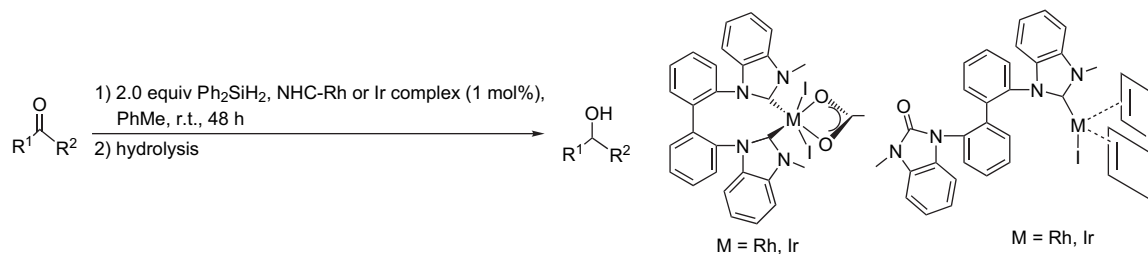
Miho Saito, Jun-ichi Matsuo and Hiroyuki Ishibashi*



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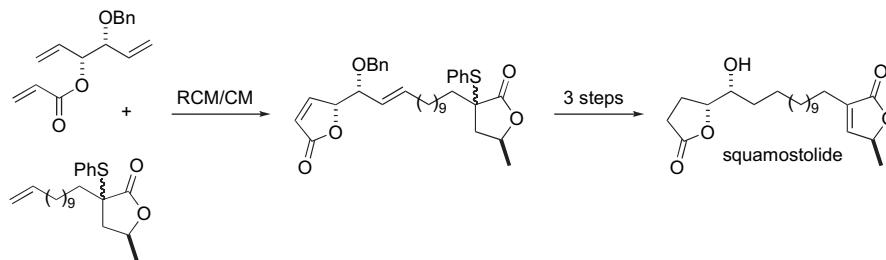
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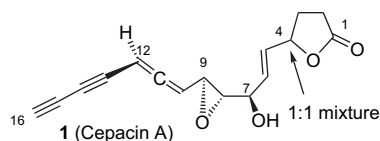
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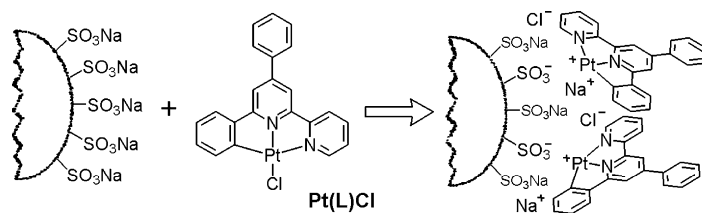
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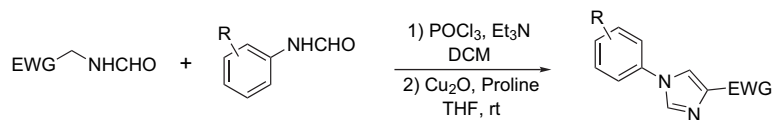
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Marc-André Bonin, Denis Giguère and René Roy*

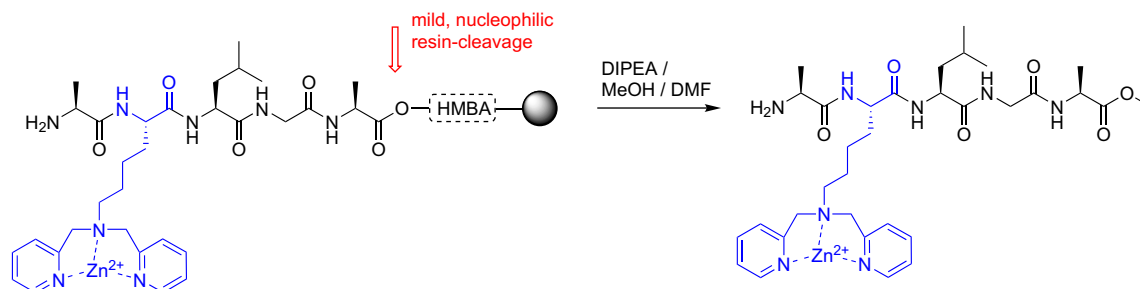
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**Synthesis of diaryl ethers based on one-pot [3+3] cyclizations of 1,3-bis(silyl enol ethers)**

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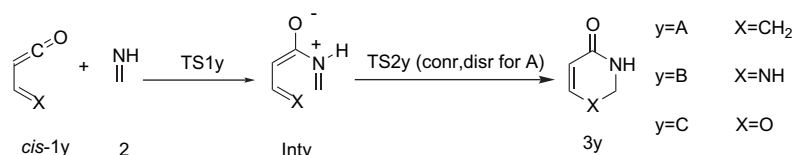
Muhammad Sher, Zafar Ahmed, Muhammad A. Rashid, Christine Fischer, Anke Spannenberg and Peter Langer*

**A DFT study of the [4+2] cycloadditions of conjugated ketenes (vinylketene, imidoylketene and formylketene) with formaldimine. The pericyclic or pseudopericyclic character from magnetic properties**

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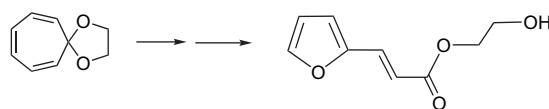
Angeles Peña-Gallego,* Jesús Rodríguez-Otero* and Enrique M. Cabaleiro-Lago

The mechanism of the [4+2] *cycloadditions* of vinylketene, imidoylketene and formylketene with formaldimine was theoretically studied, analyzing the *pericyclic* or *pseudopericyclic* character of the cyclization step.

**Oxidation of some alkoxy-cycloheptatriene derivatives: unusual formation of furan and furanoids from cycloheptatrienes**

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Ahmet Coşkun, Murat Güney, Arif Daştan* and Metin Balci*

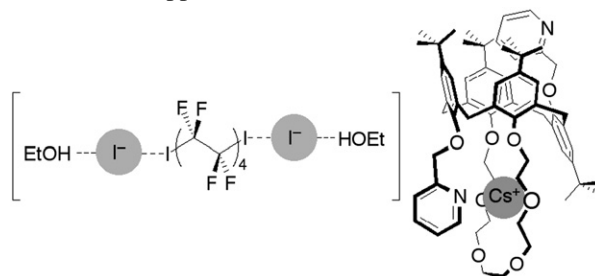


The oxidation of cycloheptatriene derivatives with singlet oxygen and *m*-CPBA was investigated. Unusual formation of furan and furanoid derivatives was observed.

Dipyridinocalixcrown/diiodoperfluorocarbon binary host systems for CsI: structural studies and fluoros phase extraction of caesium

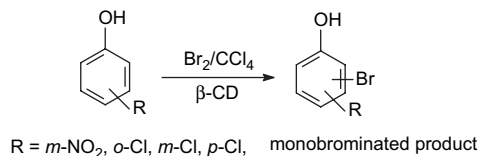
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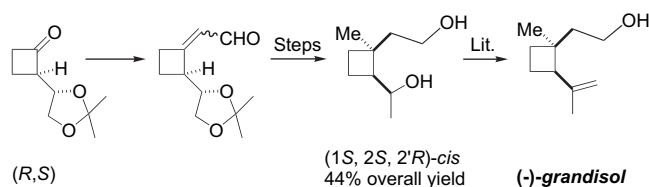
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Palaniswamy Suresh, Subramanian Annalakshmi and Kasi Pitchumani*


A highly stereocontrolled formal total synthesis of (\pm)- and of (–)-grandisol by 1,4-conjugated addition of organocopper reagents to cyclobutylidene derivatives

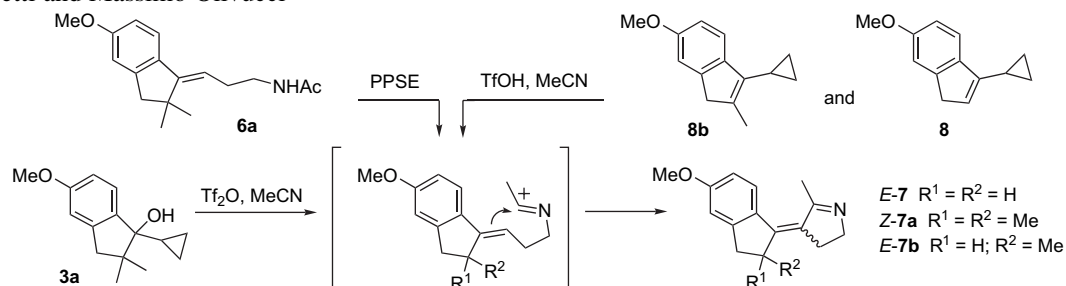
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Angela M. Bernard, Angelo Frongia, Jean Ollivier,* Pier Paolo Piras,* Francesco Secci and Marco Spiga


Synthesis of biomimetic light-driven molecular switches via a cyclopropyl ring-opening/nitrilium ion ring-closing tandem reaction

pp 4975–4982

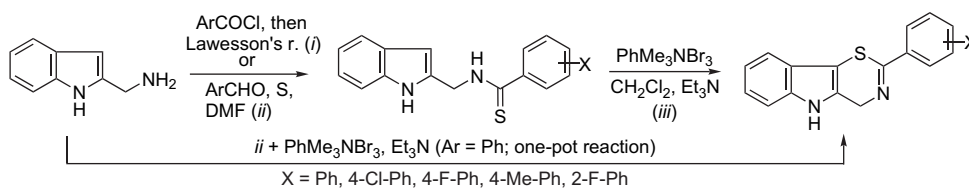
Vinicio Zanirato,* Gian P. Pollini, Carmela De Risi, Filippo Valente, Alfonso Melloni, Stefania Fusi, Jacopo Barbetti and Massimo Olivucci*



An efficient route for the synthesis of 2-arylthiazino[5,6-*b*]indole derivatives

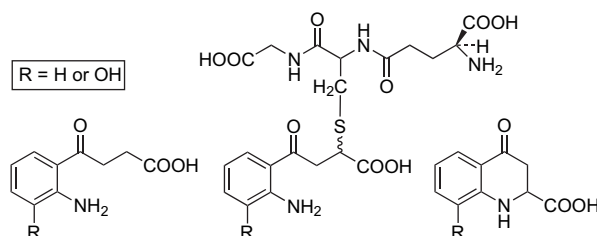
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Péter Csomós, Lajos Fodor,* István Mándity and Gábor Bernáth

**Novel human lens metabolites from normal and cataractous human lenses**

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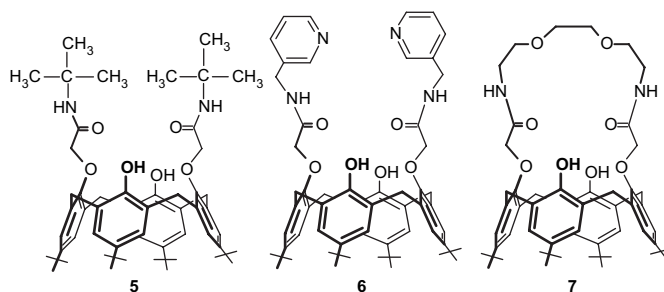
Jasminka Mizdrak, Peter G. Hains, Danuta Kalinowski, Roger J. W. Truscott, Michael J. Davies and Joanne F. Jamie*

**Synthesis and dichromate anion extraction ability of *p*-*tert*-butylcalix[4]arene diamide derivatives with different binding sites**

pp 5000–5005

Aydan Yilmaz,* Begum Tabakci, Ezgi Akceylan and Mustafa Yilmaz

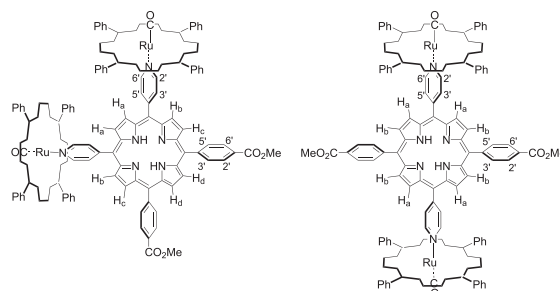
The article describes the synthesis and evaluation of dichromate anion extraction abilities of *p*-*tert*-butylcalix[4]arene diamides (**5–7**) containing various binding moieties.

**Metalloporphyrins as chemical shift reagents: the unambiguous NMR characterization of the *cis*- and *trans*-isomers of *meso*-(bis)-4'-pyridyl-(bis)-4'-carboxymethylphenylporphyrins**

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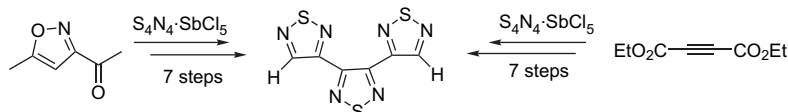
Teresa Gianferrara,* Davide Giust, Ioannis Bratsos and Enzo Alessio

A new method to distinguish between the *cis*- and *trans*-isomers of *meso*-(bis)-4'-pyridyl-(bis)-4'-carboxymethylphenylporphyrins is described: selective coordination of [Ru(TPP)(CO)(EtOH)] to the pyridyl moieties allows the unambiguous assignment of the geometry of each isomer by ¹H NMR spectroscopy.



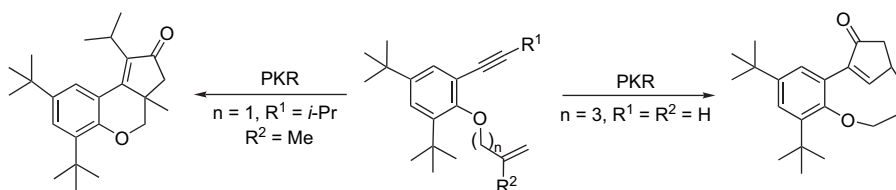
Total synthesis of 3,3':4',3''-ter-1,2,5-thiadiazole using a synthetic utility of $S_4N_4 \cdot SbCl_5$ complex
Kil-Joong Kim* and Kyongtae Kim

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Steric buttressing in the Pauson–Khand reactions of aryl enynes
Christian E. Madu, Hemalatha Seshadri and Carl J. Lovely*

pp 5019–5029

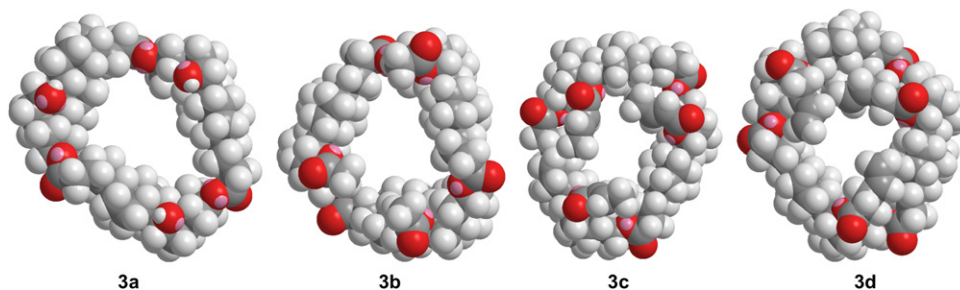


The incorporation of steric buttressing elements in aryl enynes permits the construction of congested cycloadducts and medium-sized rings.

Notable chenodeoxycholic acid oligomers—synthesis, characterization, and 7 α -OR steric hindrance evaluation

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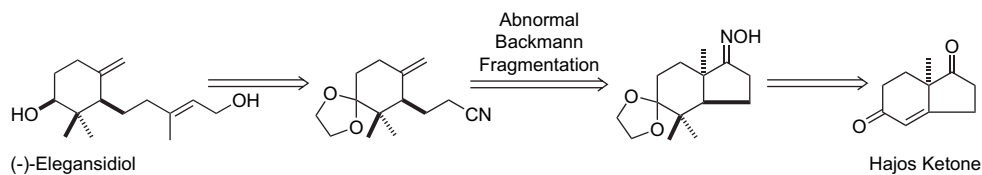
H. R. Ferhat Karabulut*, Suad A. Rashdan and Jerry Ray Dias*



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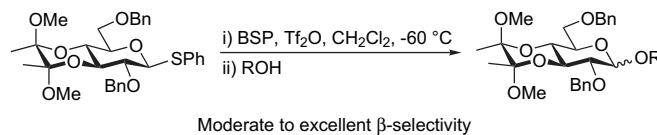
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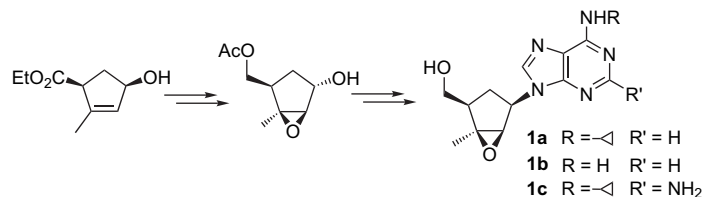
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David Crich,* Venkataraman Subramanian and Thomas K. Hutton

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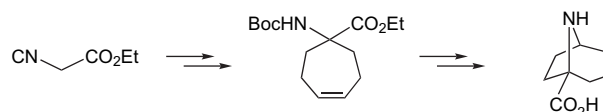
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Yoann Aubin, Gérard Audran,* Nicolas Vanthuyne and Honoré Monti

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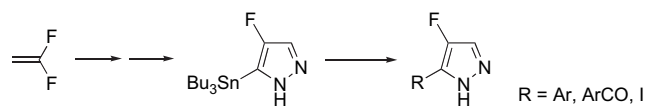
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Diego Casabona, Ana I. Jiménez and Carlos Cativiela*

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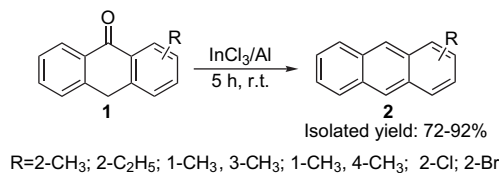
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A new InCl_3 -catalyzed reduction of anthrones and anthraquinones by using aluminum powder in aqueous media

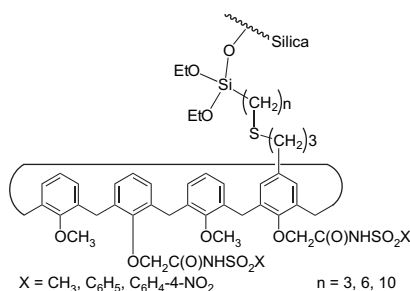
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Chunyan Wang, Jieping Wan, Zhiguo Zheng and Yuanjiang Pan*


Synthesis and lead(II) sorption of silica gel-immobilized, di-ionizable calix[4]arenes

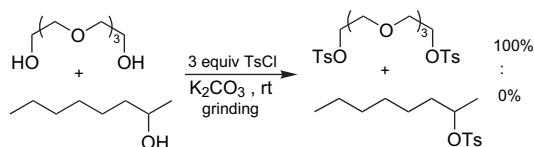
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Dongmei Zhang, Jing Wang, Thomas R. Lawson and Richard A. Bartsch*


Chemoselective and scalable preparation of alkyl tosylates under solvent-free conditions

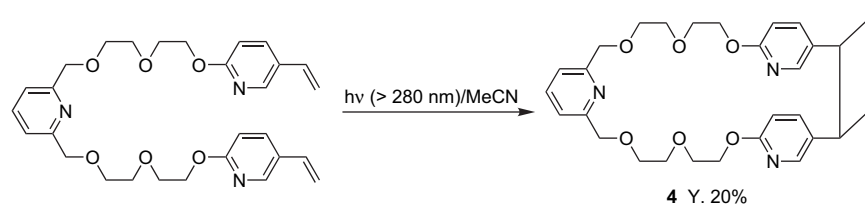
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Seiichi Inokuma,* Takayaki Yatsuzuka, Shinji Ohtsuki, Shota Hino and Jun Nishimura*



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*Corresponding author

①⁺ Supplementary data available via ScienceDirect**COVER**Incorporation of metal-coordinated single amino acid chelates into peptides. *Tetrahedron* **2007**, *63*, 4918–4928.

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