

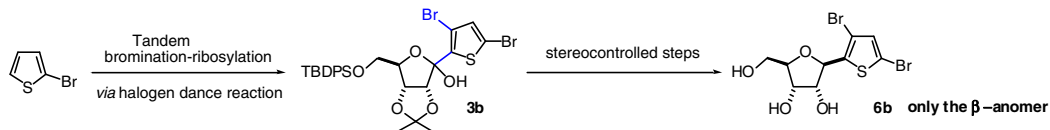
**Tetrahedron Letters Vol. 49, No. 43, 2008**

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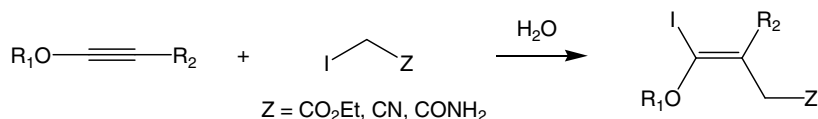
**A stereo- and regio-controlled synthesis of bromothiophenyl C-nucleosides. Tandem bromination-ribosylation via halogen dance process** pp 6171–6174

Corinne Peyron, Jean Michel Navarre, Didier Dubreuil, Pierre Vierling, Rachid Benhida \*



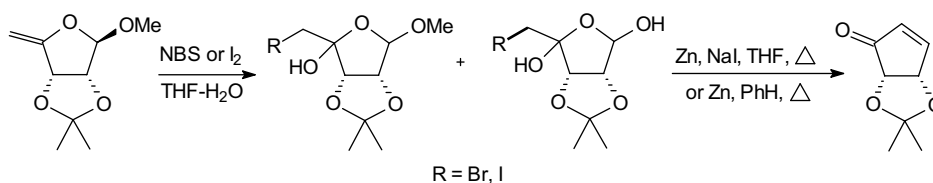
**Water as an efficient medium for the synthesis of functionalized enol ethers** pp 6175–6178

Pascal Lemoine, Benoit Daoust \*



**Synthesis of (4S,5S)-4,5-O-isopropylidene-cyclopent-2-ene-1-one via the intramolecular Reformatsky reaction** pp 6179–6181

Nadezhda A. Ivanova, Zuleykha R. Valiullina, Natal'ya P. Akhmetdinova, Mansur S. Miftakhov \*

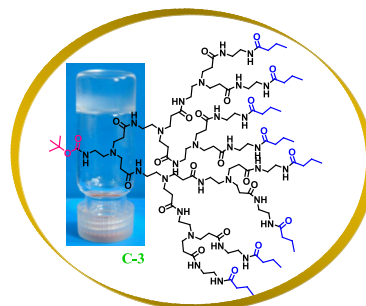


**Butylamide-terminated poly(amidoamine) dendritic gelators**

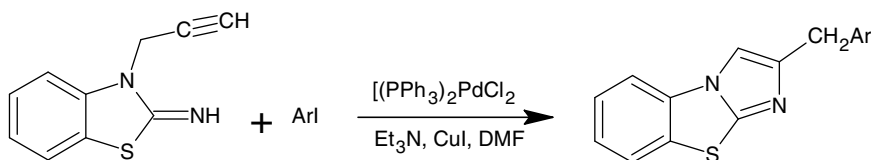
pp 6182–6187

Min Gao, Gui-Chao Kuang, Xin-Ru Jia <sup>\*</sup>, Wu-Song Li, Yan Li, Yen Wei <sup>\*</sup>

Butylamide-terminated poly(amidoamine) dendrons with either a Boc group (**C-n** (**n** = 1, 2, 3)) or a carboxyl group (**E-n** (**n** = 1, 2)) at the focal point were synthesized and their gelation properties were studied.

**Synthesis of 2-benzylimidazo[2,1-b][1,3]benzothiazoles through palladium-catalyzed heteroannulation of acetylenic compounds**

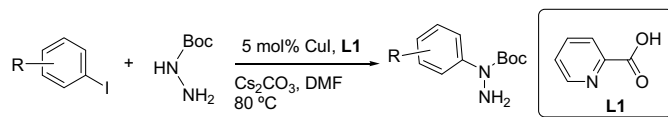
pp 6188–6191

Mohammad Bakherad <sup>\*</sup>, Hossein Nasr-Isfahani, Ali Keivanloo, Golnaz Sang

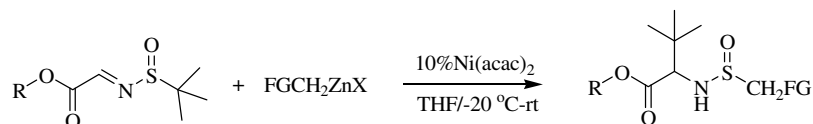
The reaction of 2-imino-3-(2-propynyl)-1,3-benzothiazole with various iodobenzenes in the presence of a palladium catalyst leads to cyclization to 2-benzylimidazo[2,1-b][1,3]benzothiazoles.

**Copper(I)-picolinic acid catalyzed N-arylation of hydrazides**

pp 6192–6194

Miu Suen Lam, Hang Wai Lee, Albert S. C. Chan, Fuk Yee Kwong <sup>\*</sup>**Nickel-catalyzed organozinc-induced unexpected 1,3-migration of *tert*-butyl from sulfur to carbon in *N-tert*-butanesulfinyl iminoacetates**

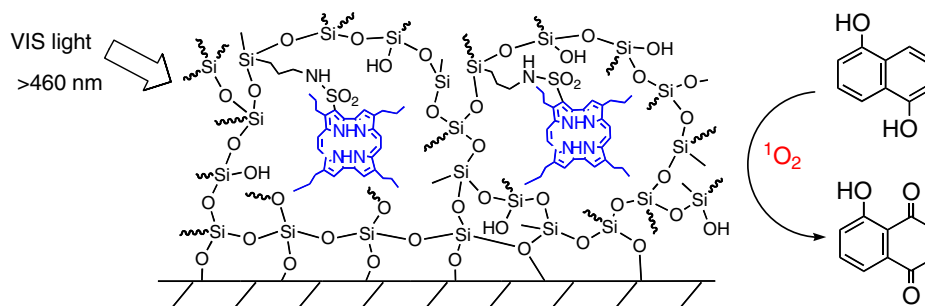
pp 6195–6197

Xun Sun <sup>\*</sup>, Wei Zheng, Bang-Guo Wei <sup>\*</sup>

**Photosensitizing properties of the porphycene immobilized in sol-gel derived silica coating films**

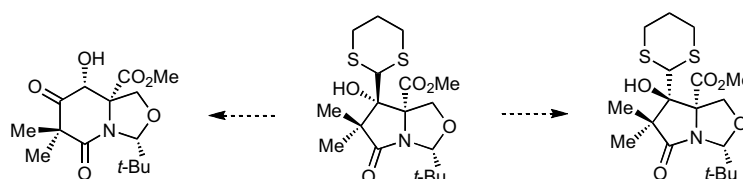
pp 6198–6201

Hisashi Shimakoshi, Tatsushi Baba, Yusuke Iseki, Ayataka Endo, Chihaya Adachi, Midori Watanabe, Yoshio Hisaeda \*

**Equilibration in bicyclic pyroglutamates by ring opening-reclosure**

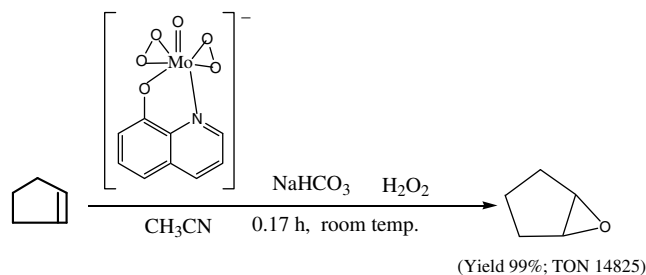
pp 6202–6204

Mark G. Moloney \*, Muhammad Yaqoob

**Unmatched efficiency and selectivity in the epoxidation of olefins with oxo-diperoxomolybdenum(VI) complexes as catalysts and hydrogen peroxide as terminal oxidant**

pp 6205–6208

Swarup K. Maiti, Subhajit Dinda, Ramgopal Bhattacharyya \*

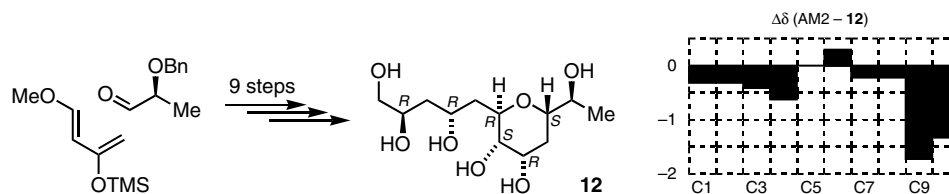


Diverse type of alkenes were catalyzed to their epoxides in high yield, TON and TOF using oxidiperoxo and oxomonoperoxo complexes of molybdenum(VI).

**Synthetic studies directed toward amphidinol 2: elucidation of the relative configuration of the C1–C10 fragment**

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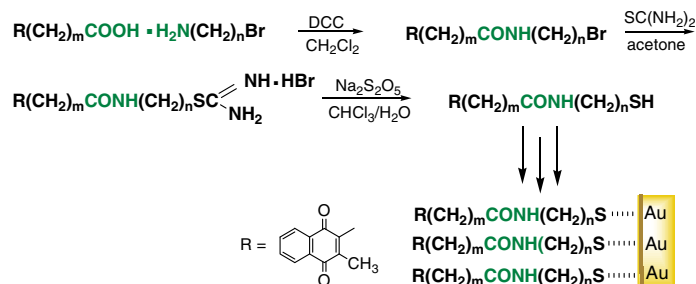
Praveen Kommana, Seung Won Chung, William A. Donaldson \*



## 2-Methyl-1,4-naphthoquinones containing 3-[*N*-( $\omega$ -mercaptoalkyl)alkanamide] chains: synthesis, self-assembling, and electrochemical properties

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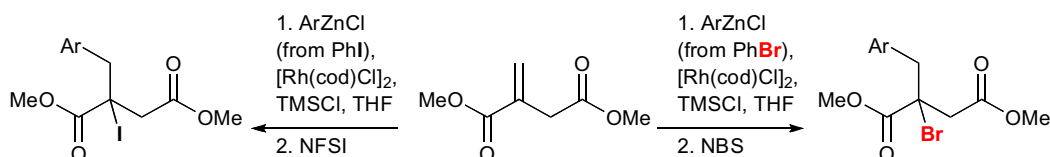
Marytė Kažemėkaitė, Arūnas Bulovas, Zita Talaikytė, Vilma Railaitė, Gediminas Niaura\*, Eugenijus Butkus, Valdemaras Razumas



## Rhodium-catalysed 1,4-addition–halogenation: the crucial role of lithium halide

pp 6217–6219

Jérôme Le Nôtre, Christopher G. Frost\*



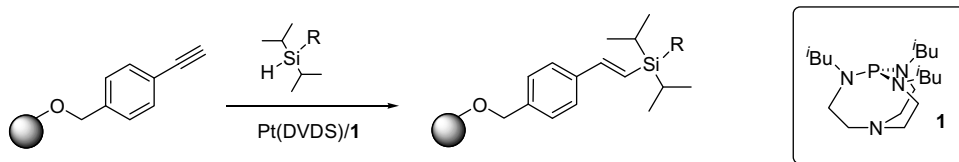
The rhodium-catalysed 1,4-addition-iodination or 1,4-addition–bromination of dimethylitaconate has been accomplished in high yield using arylzinc reagents and electrophilic halogenating agents.



## Regio- and stereoselective hydrosilylation of immobilized terminal alkynes

pp 6220–6223

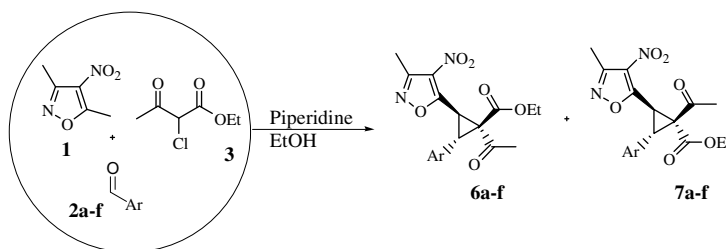
Palle J. Pedersen, Jonas Henriksen, Charlotte H. Gotfredsen, Mads H. Clausen\*



## A multicomponent synthesis of cyclopropanes

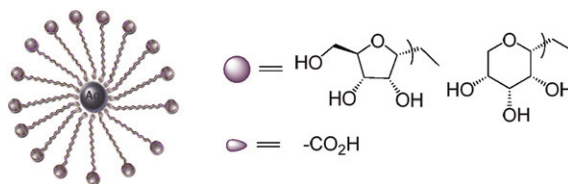
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Mauro F. A. Adamo\*, Vivekananda R. Konda

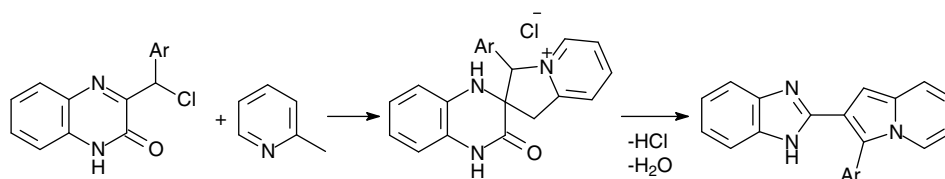


**C-Glycosides of dodecanoic acid: new capping/reducing agents for glyconanoparticle synthesis**

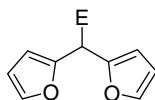
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C. V. Ramana <sup>\*</sup>, Kulbhushan A. Durugkar, Vedavati G. Puranik, Sachin B. Narute, B. L. V. Prasad <sup>\*</sup>**An efficient one-step method for the synthesis of 2-(indolizin-2-yl)benzimidazoles from quinoxalinones and  $\alpha$ -picoline via a novel rearrangement**

pp 6231–6233

Vakhid A. Mamedov <sup>\*</sup>, Dina F. Saifina, Aidar T. Gubaidullin, Alina F. Saifina, Il'dar Kh. Rizvanov**Selective lithiation of bis(furan-2-yl)methane: an efficient protocol for novel *meso*-functionalised synthons**

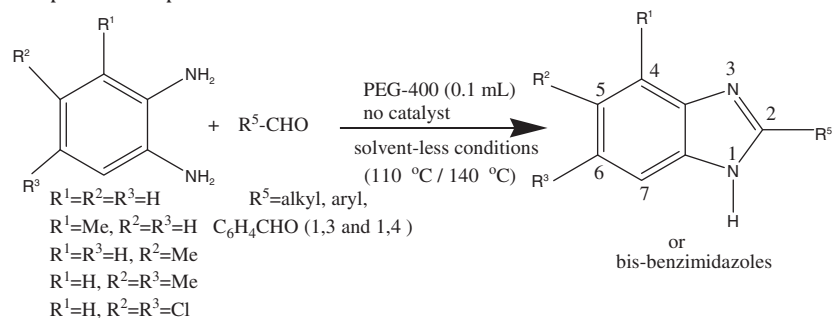
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Kamaljit Singh <sup>\*</sup>, Amit Sharma

Bis(furan-2-yl)methane can be lithiated at the inter-ring carbon atom (*meso*-position) to give carbanions, which react with a variety of electrophiles regioselectively to furnish *meso*-elaborated bis(furan-2-yl)methane derivatives in a synthetically useful manner.

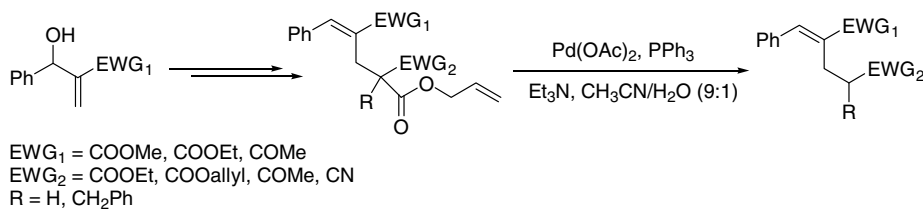
**PEG-mediated catalyst-free expeditious synthesis of 2-substituted benzimidazoles and bis-benzimidazoles under solvent-less conditions**

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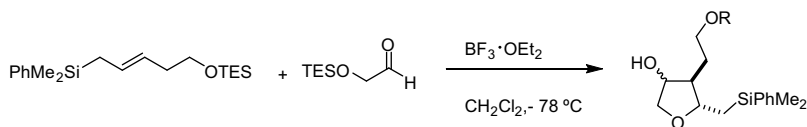
Chhanda Mukhopadhyay <sup>\*</sup>, Pradip Kumar Tapaswi

**Synthesis of 1,5-dicarbonyl and related compounds from Baylis–Hillman adducts via Pd-mediated decarboxylative protonation protocol** pp 6241–6244

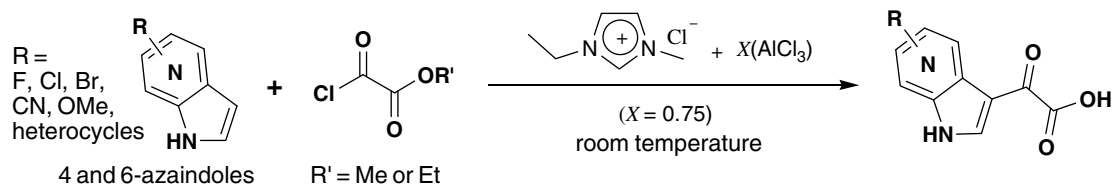
Saravanan Gowrisankar, Ko Hoon Kim, Sung Hwan Kim, Jae Nyoung Kim \*


**Regioselective and stereoselective synthesis of tetrahydrofurans from a functionalized allylic silane and an aldehyde via formal [3+2]-cycloaddition reaction** pp 6245–6249

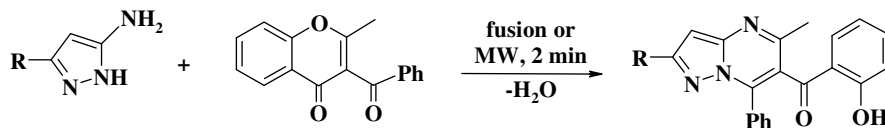
Steven R. Angle \*, Inchang Choi


**An efficient one-pot synthesis of 3-glyoxylic acids of electron-deficient substituted azaindoles by ionic liquid imidazolium chloroaluminate-promoted Friedel–Crafts acylation** pp 6250–6253

Kap-Sun Yeung \*, Zhilei Qiu, Michelle E. Farkas, Qiufen Xue, Alicia Regueiro-Ren, Zhong Yang, John A. Bender, Andrew C. Good, John F. Kadow


**Regioselective synthesis of novel substituted pyrazolo[1,5-a]pyrimidines under solvent-free conditions** pp 6254–6256

Jairo Quiroga \*, Jaime Portilla, Rodrigo Abonía, Braulio Insuasty, Manuel Noguerras, Justo Cobo

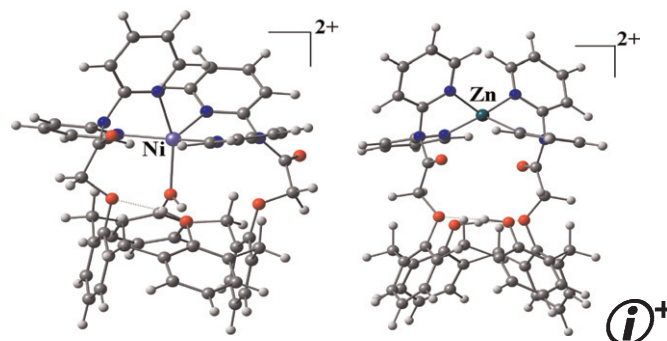


**Lower rim 1,3-di-amide-derivative of calix[4]arene possessing bis- $\{N-(2,2'$ -dipyridylamide) $\}$  pendants: a dual fluorescence sensor for  $Zn^{2+}$  and  $Ni^{2+}$** 

pp 6257–6261

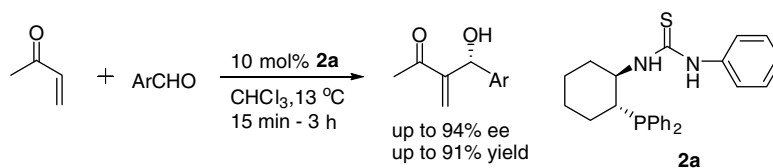
Roymon Joseph, Balaji Ramanujam, Haridas Pal, Chebrolu P. Rao \*

Single crystal XRD structure of the lower rim 1,3-di-amide-derivative of calix[4]arene possessing bis- $\{N-(2,2'$ -dipyridylamide) $\}$  pendants (L) exhibits two distinct binding cores, viz.,  $N_4$  and  $O_6$ . L was found to be selective to  $Zn^{2+}$  by switch-on and to  $Ni^{2+}$  by switch-off fluorescence by forming 1:1 complexes, where the lowest  $Zn^{2+}$  and  $Ni^{2+}$  concentration detection limits are 142 and 203 ppb, respectively. The coordination aspects of these complexes have been addressed based on computational calculations.

**Chiral phosphinothiourea organocatalyst in the enantioselective Morita–Baylis–Hillman reactions of aromatic aldehydes with methyl vinyl ketone**

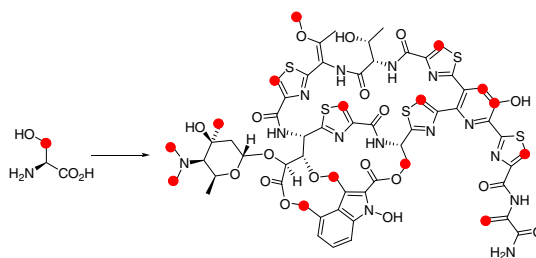
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Kui Yuan, Lei Zhang, Hong-Liang Song, Yinjun Hu, Xin-Yan Wu \*

**Biosynthetic studies of Nocathiacin-I**

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Sheo B. Singh \*, Kithsiri Herath, Nathan X. Yu, Andre A. Walker, Neal Connors



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\*Corresponding author

+ Supplementary data available via ScienceDirect

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