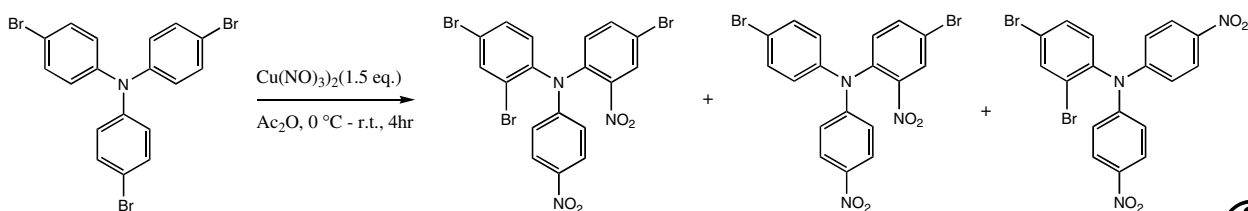


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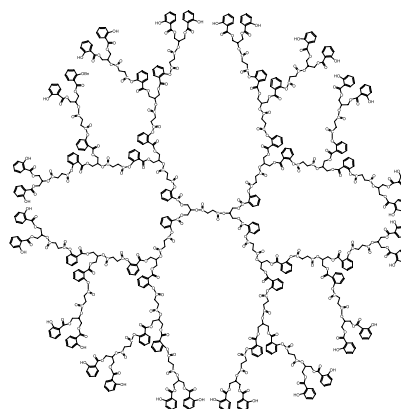
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Xin Wu, Mufaro A. Dube and Albert J. Fry\*



**Synthesis of salicylate dendritic prodrugs** pp 7671–7675

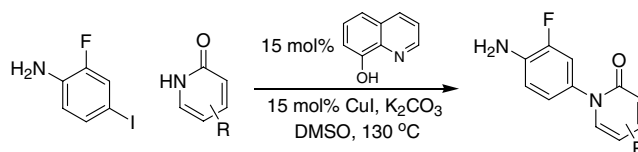
Shengzhuang Tang, Stephen M. June, Bob A. Howell and Minghui Chai\*



The structure of a third generation salicylate dendritic prodrug (G3).

**A versatile copper-catalyzed coupling reaction of pyridin-2(1H)-ones with aryl halides** pp 7677–7680

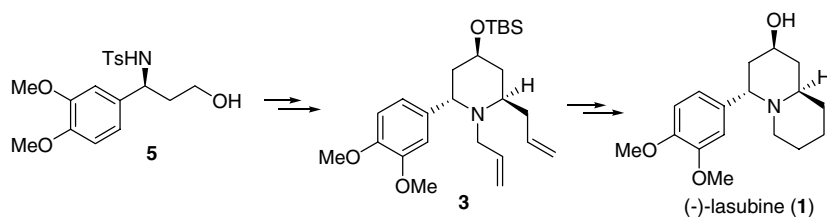
Kevin J. Filipksi,\* Jeffrey T. Kohrt, Agustin Casimiro-Garcia, Chad A. Van Huis, Danette A. Dudley, Wayne L. Cody, Christopher F. Bigge, Shrilakshmi Desiraju, Shaoyi Sun, Samarendra N. Maiti, Mohamad R. Jaber and Jeremy J. Edmunds



**A concise and enantioselective approach to the total synthesis of (–)-lasubine I**

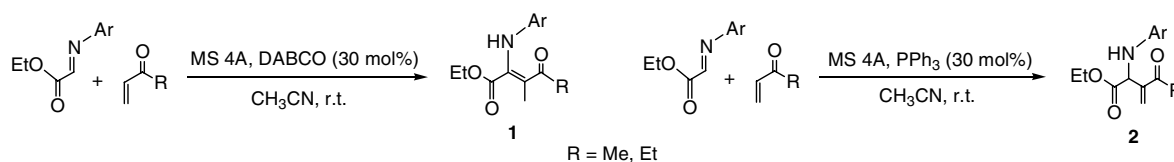
pp 7681–7684

Shengyang Liu, Yuping Fan, Xinxiang Peng, Wei Wang,\* Weiyi Hua, Haji Akber and Lixin Liao\*

**Aza-Morita–Baylis–Hillman reaction of ethyl (arylimino)acetate with methyl vinyl ketone and ethyl vinyl ketone**

pp 7685–7688

Jun Gao, Guang-Ning Ma, Qing-Jiang Li and Min Shi\*



The aza-Morita–Baylis–Hillman (aza-MBH) reaction of ethyl (arylimino)acetate with methyl vinyl ketone and ethyl vinyl ketone has been investigated. We found that aza-MBH adducts **1** could be formed in the presence of DABCO (30 mol %) and the corresponding adducts **2** could be obtained in the presence of PPh<sub>3</sub> (30 mol %) in moderate to good yields in acetonitrile, respectively, under mild conditions.

**Direct organocatalytic hydroalkoxylation of  $\alpha,\beta$ -unsaturated ketones**

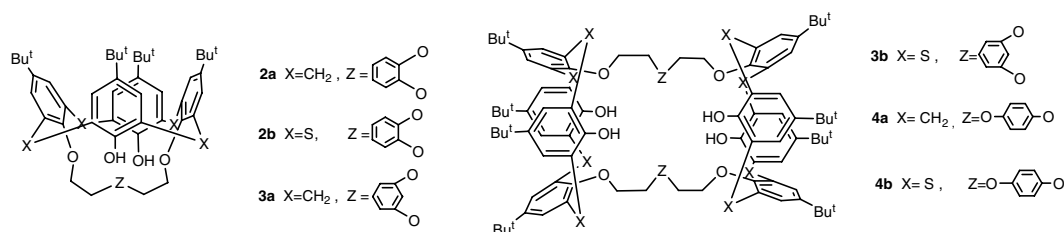
pp 7689–7693

Dhevalapally B. Ramachary\* and Rumpa Mondal

**(1+1) or (2+2) Coupling for bis(tosyloxyethoxy)benzenes with calix[4]arene and thiocalix[4]arene**

pp 7695–7698

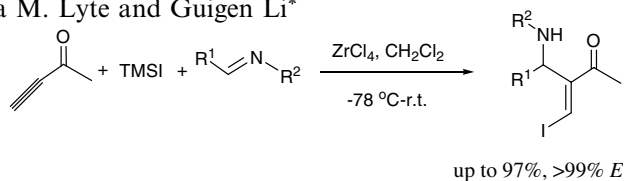
Xiong Li, Shu-Ling Gong,\* Chun-Lei Zhang, Qin Zheng and Yuan-Yin Chen



**ZrCl<sub>4</sub>-catalyzed X–C/C–C bond formation for the geometric selective synthesis of (*E*)-β-iodo aza Morita–Baylis–Hillman (MBH) adducts**

pp 7699–7702

Qingjiang Li, Min Shi,\* Joshua M. Lyte and Guigen Li\*

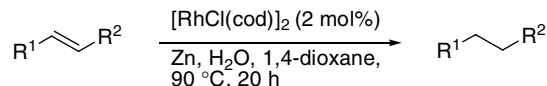


A geometric selective synthesis of (*E*)-β-iodo and β-alkyl vinyl ketones (MBH amino adducts) has been developed through a three-component Mannich-type reaction. The reaction was conveniently conducted by generating 3-iodo allenolate intermediates via the α,β-unsaturated addition of TMS-I to 3-butyne-2-one followed by a carbonyl addition onto *N*-aryl imines in the presence of ZrCl<sub>4</sub> catalyst. The resulting β-iodo allylic amines can be readily converted into β-alkyl Morita–Baylis–Hillman adducts by performing Suzuki and Kumada cross-couplings.

**Hydrogenation of olefins using water and zinc metal catalyzed by a rhodium complex**

pp 7703–7705

Takashi Sato, Shoji Watanabe, Hiroyoshi Kiuchi, Shuichi Oi\* and Yoshio Inoue\*

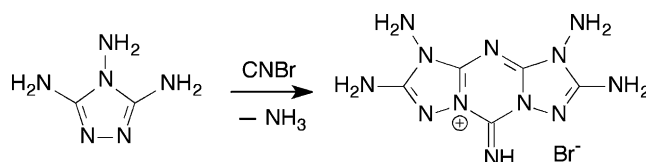


The hydrogenation of olefins using H<sub>2</sub>O or D<sub>2</sub>O as a hydrogen source and zinc metal as a reducing agent has been found to be catalyzed by a rhodium complex. α,β-Unsaturated ketones also underwent hydrogenation, affording the corresponding saturated ketones selectively.

**Facile entry into the 3*H*,9*H*-bis[1,2,4]triazolo-[1,5-*a*:5',1'-*d*][1,3,5]triazinium (5/6/5 tricyclic NNN) system**

pp 7707–7709

John W. Fronabarger, Robert D. Chapman\* and Richard D. Gilardi

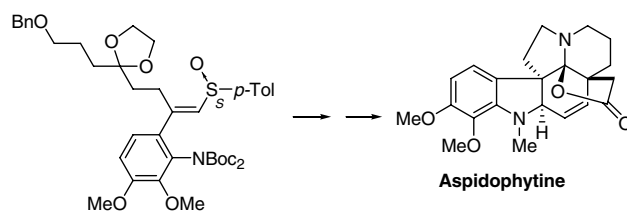


A facile, one-pot reaction between guanazine and cyanogen bromide provides a new high-nitrogen example of the title system, a 2,3,5,6-tetraamino-9-imino derivative as a quaternary bromide salt.

**Total synthesis of aspidophytine**

pp 7711–7713

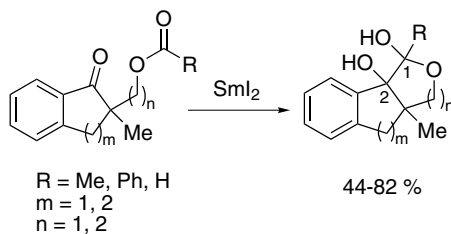
Joseph P. Marino\* and Ganfeng Cao



**The first example of samarium diiodide-promoted intramolecular ketone–ester coupling of ketones tethering acyloxyalkyl side chains producing 2-hydroxy cyclic hemiacetals**

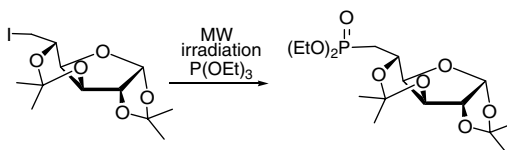
pp 7715–7718

Eietsu Hasegawa,\* Kentaro Okamoto, Naoko Tanikawa, Momoe Nakamura, Kazuki Iwaya, Takashi Hoshi and Toshio Suzuki


**Use of microwave irradiation for sugar and nucleoside phosphonates synthesis**

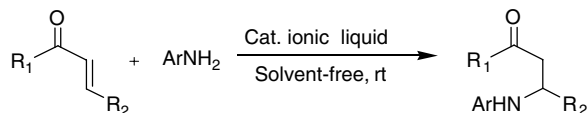
pp 7719–7721

Suzanne Peyrottes,\* Franck Gallier, Jérôme Béjaud and Christian Périgaud


**Highly efficient aza-Michael reactions of aromatic amines and *N*-heterocycles catalyzed by a basic ionic liquid under solvent-free conditions**

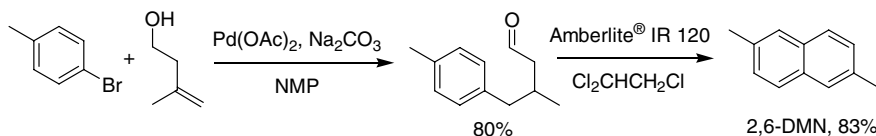
pp 7723–7726

Lei Yang, Li-Wen Xu,\* Wei Zhou, Lyi Li and Chun-Gu Xia\*


**Highly efficient two-step selective synthesis of 2,6-dimethylnaphthalene**

pp 7727–7730

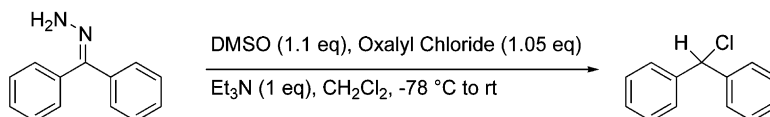
Byung Hyun Kim, Jong Gil Lee, Taeun Yim, Hyo-Jin Kim, Hyun Yeong Lee and Young Gyu Kim\*



**Conversion of hydrazones to alkyl chlorides under Swern oxidation conditions**

pp 7731–7733

Matthias Brewer

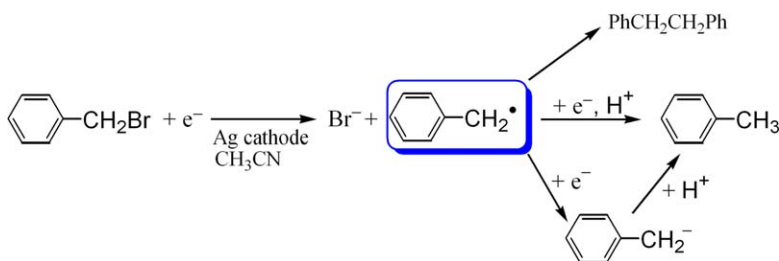


Unsubstituted hydrazones derived from aromatic ketones and aldehydes were converted in a high yield to the corresponding alkyl chlorides under Swern oxidation conditions. In this unusual oxidation/reduction sequence the substrate undergoes a net reduction under the well-established Swern oxidation conditions. Unsubstituted hydrazones derived from cyclohexyl ketones returned elimination products.

**One- versus two-electron reaction pathways in the electrocatalytic reduction of benzyl bromide at silver cathodes**

pp 7735–7739

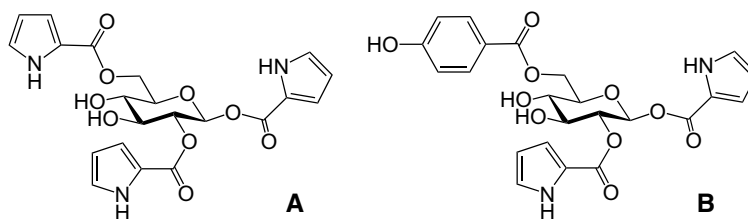
Abdirisak A. Isse, Alessio De Giusti and Armando Gennaro\*



**Chemical and enzymatic synthesis of buprestin A and B—bitter acylglucosides from Australian jewel beetles (Coleoptera: Buprestidae)**

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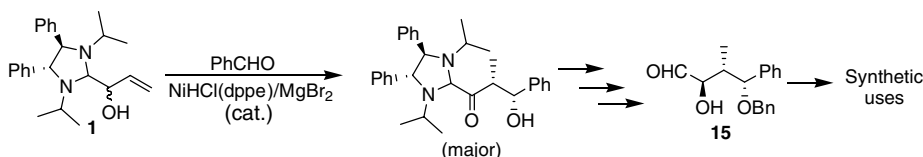
Sabine Schramm, Konrad Dettner and Carlo Unverzagt\*



**Stereoselective synthesis of functionalized 1,3 diols through the tandem isomerization–aldolization reaction mediated by nickel catalysts**

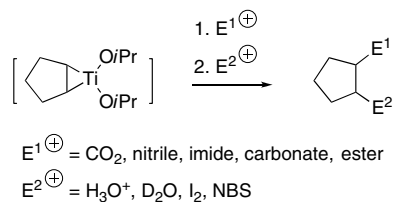
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Julien Petrignet, Thierry Roisnel and René Grée\*



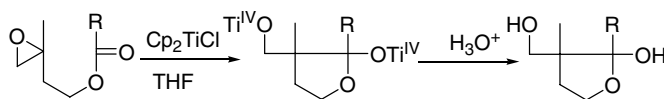
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Frédéric Cadoret, Pascal Retailleau and Yvan Six\*

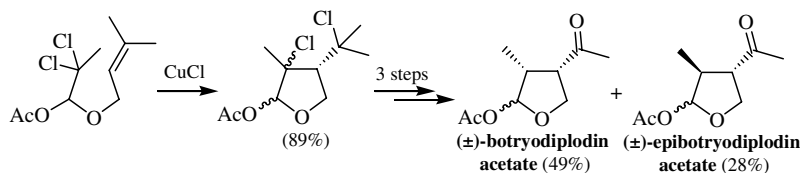

**Radical reactions of epoxy esters induced by titanocene chloride**

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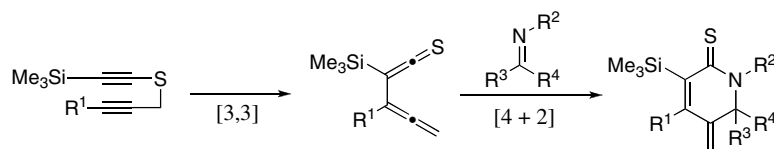
A. Fernández-Mateos,\* P. Herrero Teijón, R. Rabanedo Clemente and R. Rubio González


**A new and effective route to ( $\pm$ )-botryodiplodin and ( $\pm$ )-*epi*-botryodiplodin acetates using a halogen atom transfer Ueno–Stork cyclization** pp 7759–7762

Laurent De Buyck, Cristina Forzato, Franco Ghelfi,\* Adele Mucci, Patrizia Nitti, Ugo M. Pagnoni, Andrew F. Parsons,\* Giuliana Pitacco and Fabrizio Roncaglia\*


**Synthesis of  $\delta$ -thiolactams by the aza-Diels–Alder reaction of in situ generated allenyltrimethylsilylthioketenes with imines** pp 7763–7766

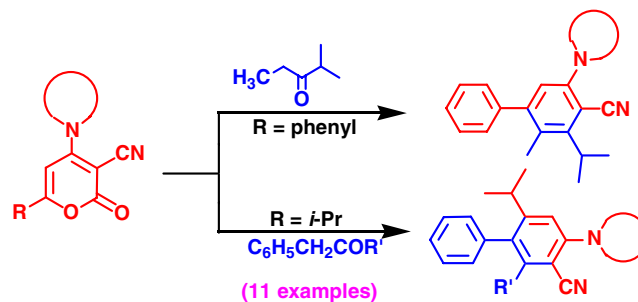
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**Synthesis of *o,m*-cymene-cored biaryls through a carbanion-induced ring transformation strategy**

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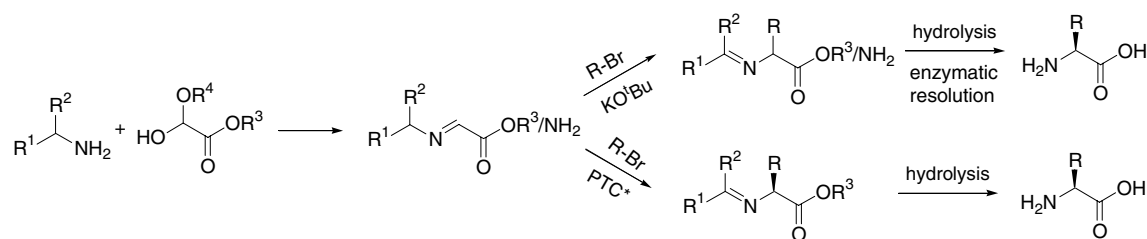
Fateh Veer Singh, Amit Kumar and Atul Goel\*



**A new method for the preparation of functionalized unnatural  $\alpha$ -H- $\alpha$ -amino acid derivatives**

pp 7771–7774

David J. Hyett, Mara Didonè, Thierry J. A. Milcent, Quirinus B. Broxterman and Bernard Kaptein\*

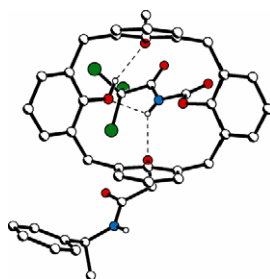


$\alpha$ -H- $\alpha$ -Amino acids are prepared by the (asymmetric)  $\alpha$ -alkylation of iminoacetic acid esters or amides with various electrophiles under basic reaction conditions.

**A stereoselective synthesis of asymmetrically substituted calix[4]arene-carbamates**

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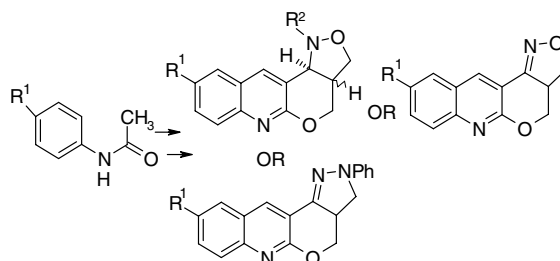
Vyacheslav I. Boyko, Alexander Shivanyuk, Volodymyr V. Pyrozhenko, Roman I. Zubatyuk, Oleg V. Shishkin and Vitaly I. Kalchenko\*



**Synthesis of novel pyrano[2,3-*b*]quinolines from simple acetanilides via intramolecular 1,3-dipolar cycloaddition**

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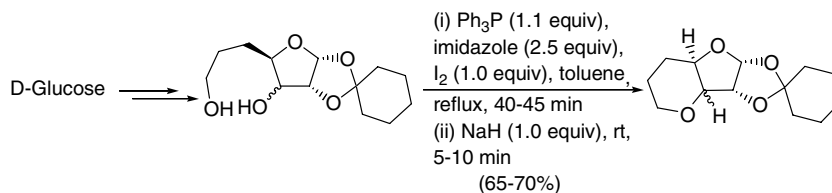
Pabitra K. Kalita, Biswajita Baruah and Pulak J. Bhuyan\*



**A simple one-pot entry to cyclic ethers of varied ring sizes from diols via phosphonium ion induced iodination and base catalyzed Williamson etherification**

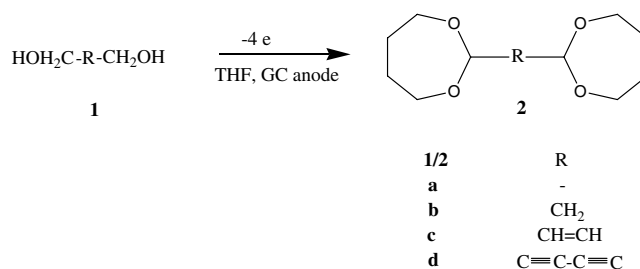
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Biswajit Gopal Roy, Ashim Roy, Basudeb Achari and Sukhendu B. Mandal\*


**Electrooxidation of activated  $\alpha,\omega$ -diols to cyclic tetramethylene acetals of the corresponding diols**

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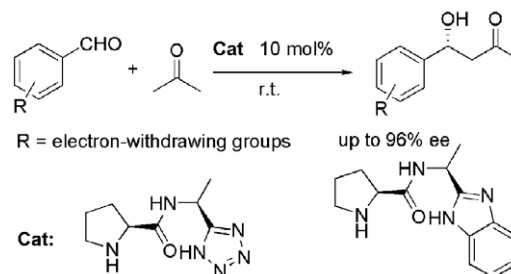
Jaromír Hlavatý\* and Miroslav Poláček


**New N-terminal prolyl-dipeptide derivatives as organocatalysts for direct asymmetric aldol reaction**

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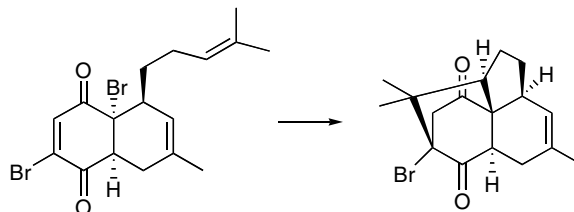
Ji-Fu Zheng, Yao-Xian Li, Suo-Qin Zhang,\* Song-Tao Yang, Xiao-Ming Wang, Yong-Zhi Wang, Jie Bai and Fu-An Liu

Five new N-terminal prolyl-dipeptide derivatives were first synthesized as organocatalyst for the direct asymmetric aldol reaction of acetone and electron-deficient aromatic aldehydes at room temperature.


**Synthesis of the tetracyclic ring system of cumbiasin via tandem radical cyclizations**

pp 7797–7799

George A. Kraus\* and Junwon Kim



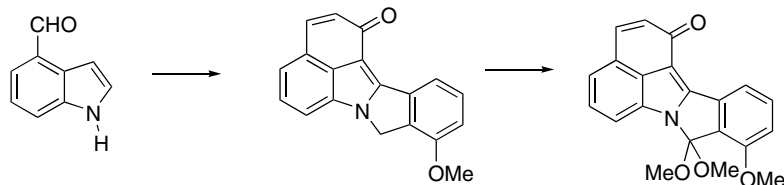
The tetracyclic ring system of cumbiasin was synthesized by a Diels–Alder reaction followed by tandem ring forming reactions from an alpha-keto radical.



**A concise synthesis of 5-demethyl-HKI 0231A and 5-demethyl-HKI 0231B**

pp 7801–7803

George A. Kraus\* and Tao Wu

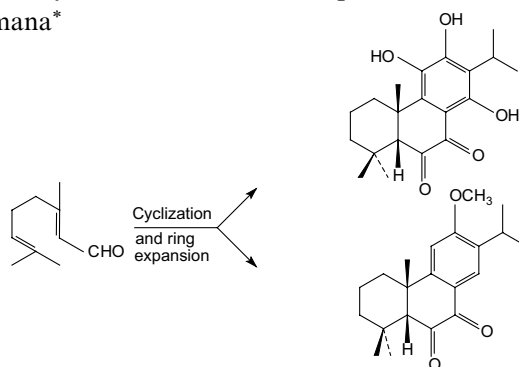


The pentacyclic skeleton of HKI 0231A and HKI 0231B was synthesized by a novel radical cyclization/oxidation followed by DDQ oxidation to introduce the methoxyl groups. This is the first synthetic pathway to both the HKI 0231A and the HKI 0231B series.

**Annulation strategy for the biomimetic synthesis of cis-fused diterpenoids**

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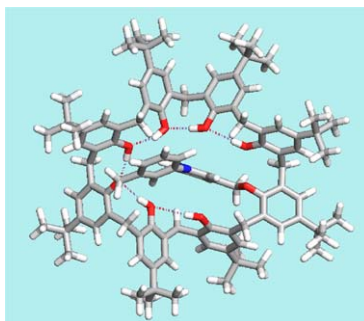
Shanta S. Bhar and M. M. V. Ramana\*



**Azobenzene-bridged calix[8]arenes**

pp 7809–7813

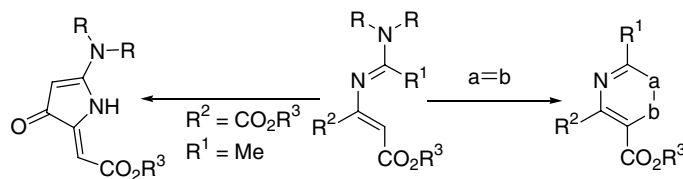
Grazia M. L. Consoli, Corrada Geraci, Placido Neri,\* Giacomo Bergamini and Vincenzo Balzani\*



**Synthesis and subsequent reactivity of 1-amino-2-aza-1,3-butadienes derived from β-amino esters**

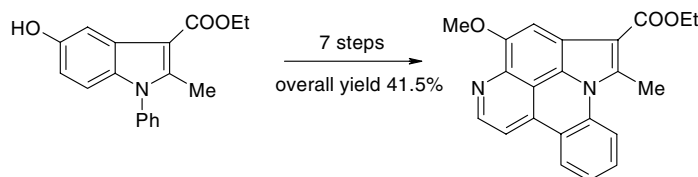
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Francisco Palacios,\* Concepción Alonso, Marta Legido, Gloria Rubiales and Maite Villegas



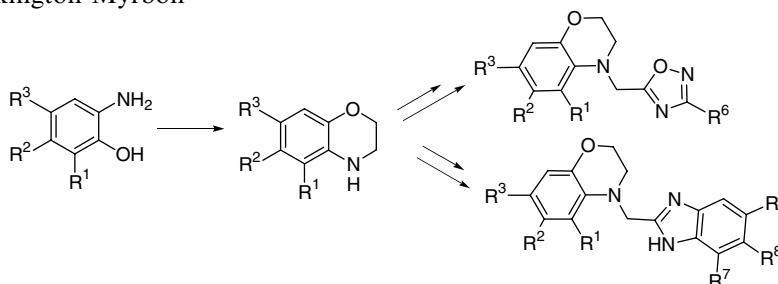
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Oleg S. Radchenko,\* Nadezhda N. Balaneva, Vladimir A. Denisenko and Vyacheslav L. Novikov




**Synthesis of substituted 4-(3-alkyl-1,2,4-oxadiazol-5-ylmethyl)-3,4-dihydro-2H-1,4-benzoxazines and 4-(1H-benzimidazol-2-ylmethyl)-3,4-dihydro-2H-1,4-benzoxazines** pp 7823–7826

Pushpak Mizar and Bekington Myrboh\*



\*Corresponding author

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