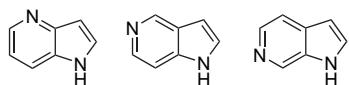


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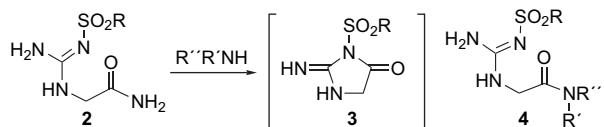
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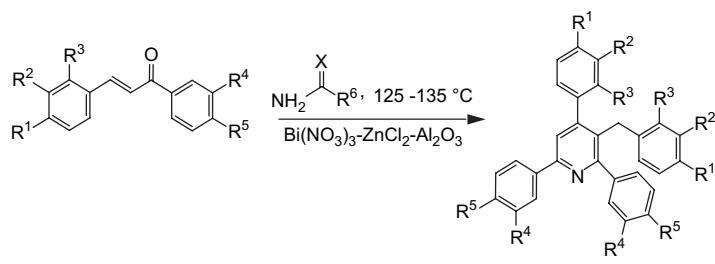
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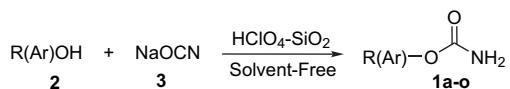
- Novel solid-supported dimerization–heteroannulation of chalcones: simple and efficient synthesis of 2,4,6-triaryl-3-methylarylpuridines**
 Anil K. Verma, Summon Koul, Ajay P. S. Pannu and Tej K. Razdan*

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Silica supported perchloric acid ($\text{HClO}_4\text{-SiO}_2$): an efficient reagent for the preparation of primary carbamates under solvent-free conditions pp 8723–8726

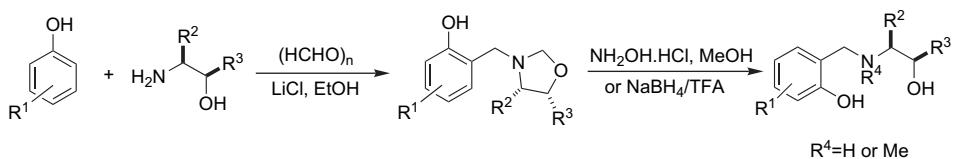
Ali Reza Modarresi-Alam,* Ferydoon Khamooshi, Mahmoud Nasrollahzadeh and Homeyra Alsadat Amirazizi



The synthesis of primary carbamates from structurally diverse compounds containing a hydroxyl group has been performed in high yields and purity, and without any epimerization under solvent-free conditions using $\text{HClO}_4\text{-SiO}_2$ as a mild, convenient, and effective reagent. The procedure is operationally simple, efficient, and environmentally benign.

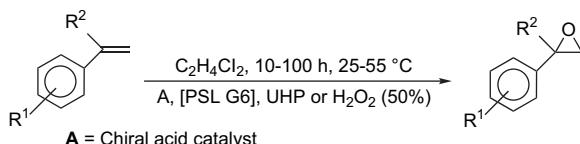
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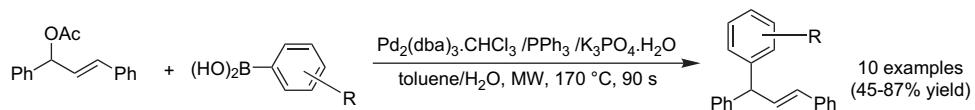
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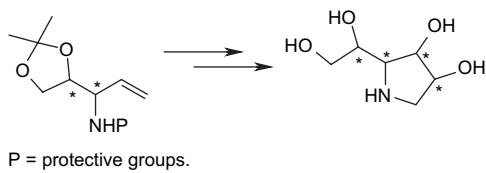
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Viera Poláčková, Štefan Toma* and C. Oliver Kappe



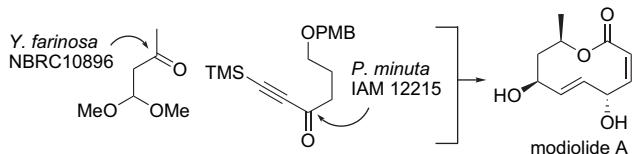
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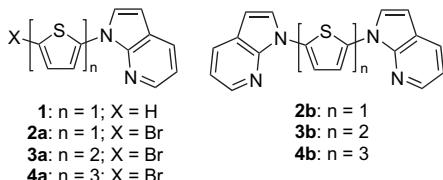
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(N-7-Azaindolyl)oligothiophenes: synthesis, characterization, and photophysical properties pp 8761–8769

Jin Seok Hong, Hyung Sup Shim, Tae-Jeong Kim* and Youngjin Kang*

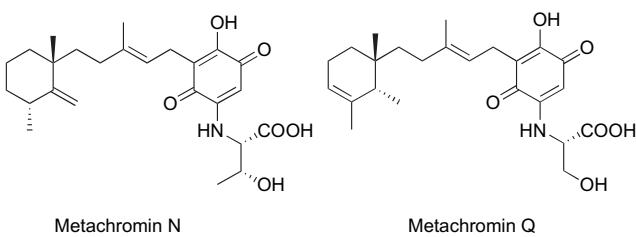


A new series of mono- and oligothiophenes capped by 7-azaindoles such as 2-(*N*-azaindolyl)thiophene (**1**), 2-(*N*-azaindolyl)-5'-bromo)oligothiophenes (**2a–4a**), and 2,5'-bis(*N*-azaindolyl)oligothiophenes (**2b–4b**) have been prepared and characterized. The crystal structures of **2b**, **3b**, and **4b** have been determined by single-crystal X-ray diffractions. The thermal, photophysical, and electrochemical properties of all new compounds have been measured.



Metachromins L–Q, new sesquiterpenoid quinones with an amino acid residue from sponge *Spongia* sp. pp 8770–8773

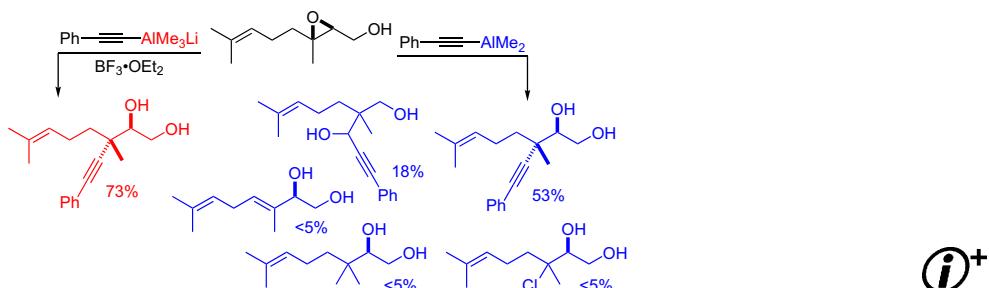
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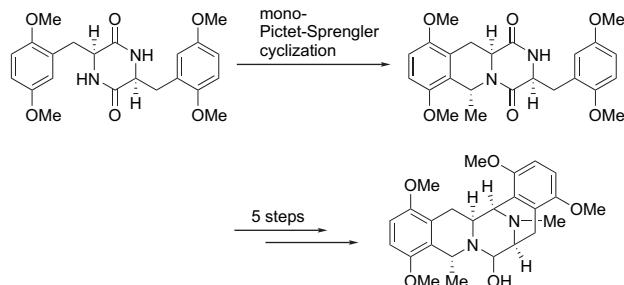
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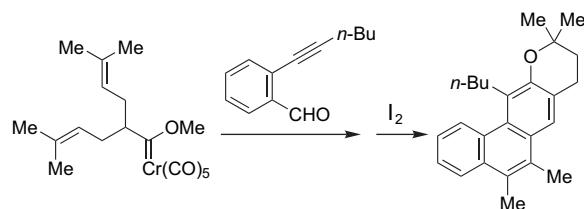
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Synthesis of phenanthrene derivatives through the net [5 + 5]-cycloaddition of prenylated carbene complexes with 2-alkynylbenzaldehyde derivatives

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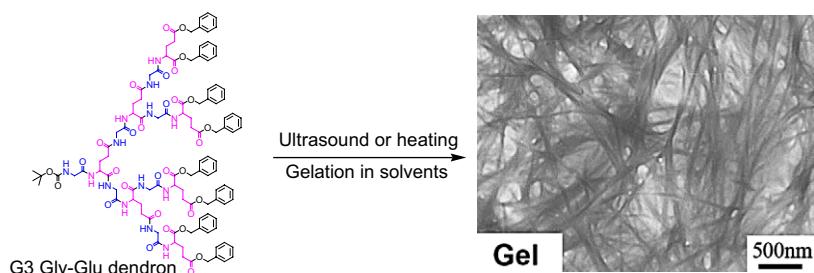
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Glycine and L-glutamic acid-based dendritic gelators

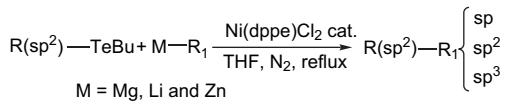
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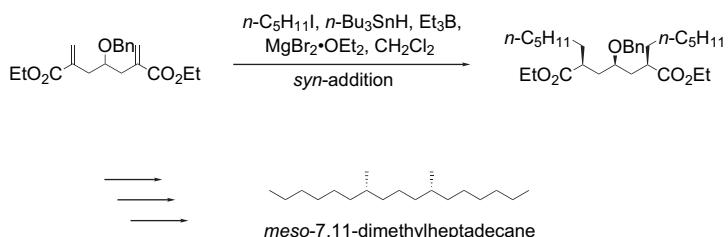
The coupling of butylvinyltellurides with organometallic reagents catalysed by nickel complexes
Cristiano Raminelli, João Gargalaka, Jr., Cláudio C. Silveira and João V. Comasseto*

pp 8801–8809



Radical mediated stereoselective synthesis of *meso*-7,11-dimethylheptadecane, a female sex pheromone component of the spring hemlock looper and the pitch pine looper pp 8810–8814

Hajime Nagano,* Rie Kuwahara and Fumika Yokoyama

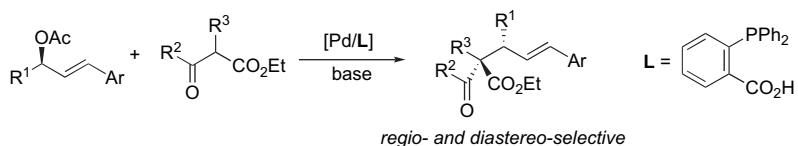


The title compound was synthesized from ethyl 2-(bromomethyl)propenoate in nine steps and 14% overall yield. The key step in the synthesis is the depicted chelation-controlled diastereoselective radical reaction.

Palladium-catalyzed regio- and diastereo-selective allylic alkylation using 2-(diphenylphosphino)-benzoic acid: construction of vicinal quaternary and tertiary carbon centers

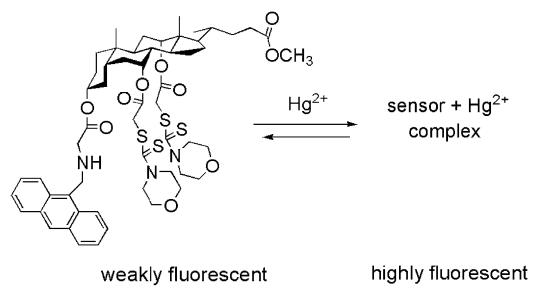
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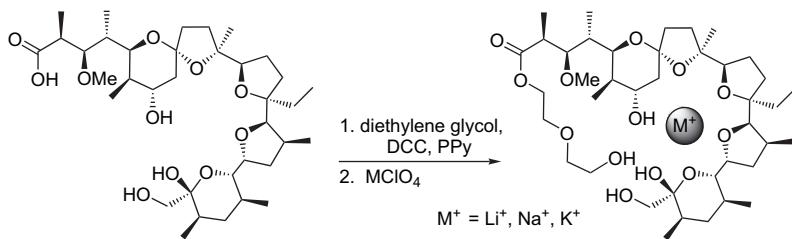
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Hao Wang and Wing-Hong Chan*

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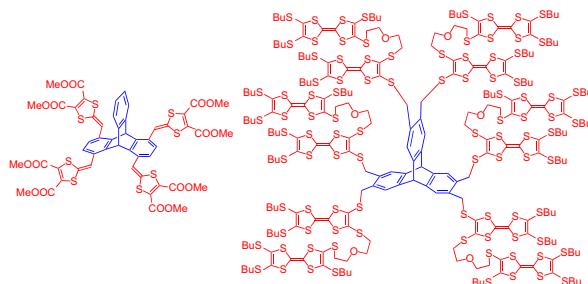
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Tetrathiafulvalene-functionalized triptycenes: synthetic protocols and elucidation of intramolecular Coulomb repulsions in the oxidized species pp 8840–8854

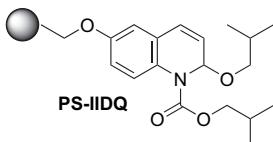
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PS-IIHQ: a supported coupling reagent for efficient and general amide bond formation

pp 8855–8871

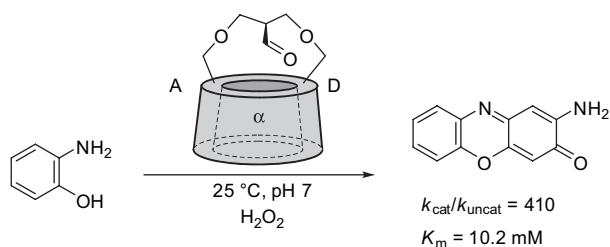
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New cup-shaped α -cyclodextrin derivatives and a study of their catalytic properties in oxidation reactions

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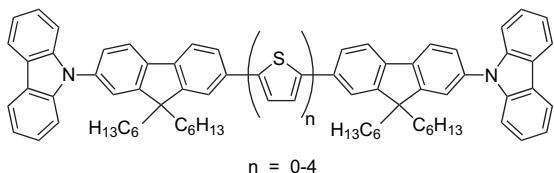
Oscar Lopez Lopez, Lavinia Marinescu and Mikael Bols*



Synthesis and characterization of *N*-carbazole end-capped oligofluorene-thiophenes

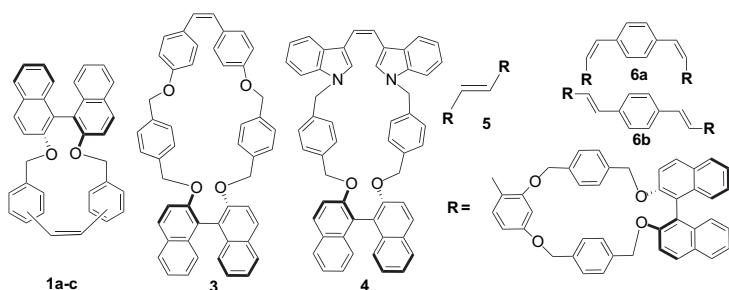
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Vinich Promarak,* Auradee Punkvuang, Taweesak Sudyoadsuk, Siriporn Jungsuttiwong, Sayant Saengsuwan, Tinnagon Keawin and Karnokkorn Sirithip

**Synthesis, complexation, and photoisomerization studies on some chiral monocyclic stilbenophanes and bis-cyclophanes**

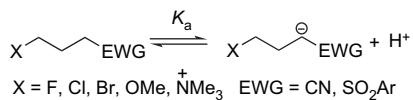
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Perumal Rajakumar* and Subramaniyan Selvam

**Halogens in γ -position enhance the acidity of alkyl aryl sulfones and alkane nitriles**

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M. Judka, A. Wojtasiewicz, W. Danikiewicz and M. Mąkosza*

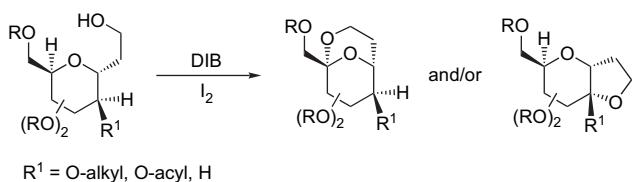


On the basis of measurement of the rates of base-catalyzed deuterium exchange, values of pK_a of the series of 3-halopropyl aryl sulfones and 4-halobutyronitriles were estimated.

Intramolecular 1,5- versus 1,6-hydrogen abstraction reaction promoted by alkoxyl radicals in pyranose and furanose models

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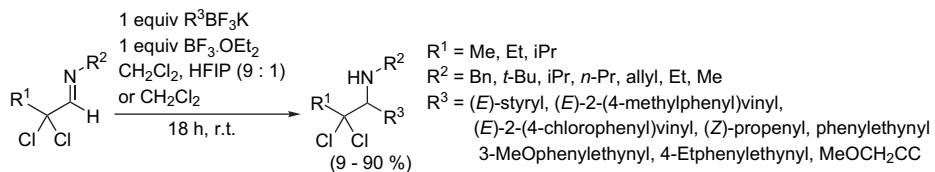
Cosme G. Francisco, Raimundo Freire, Antonio J. Herrera, Inés Pérez-Martín and Ernesto Suárez*



Lewis acid promoted Mannich type reactions of α,α -dichloro aldimines with potassium organotrifluoroborates

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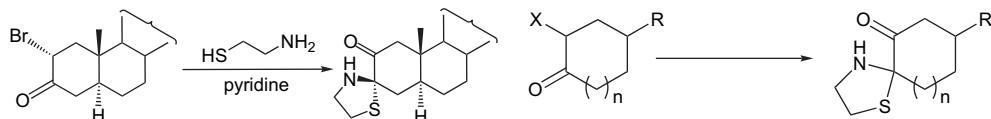
Sara Stas and Kourosch Abbaspour Tehrani*



Reaction of α -halo ketone with 2-aminothiol: a new synthesis of thiazolidines with the oxo group migrated to the original position occupied by halogen atom

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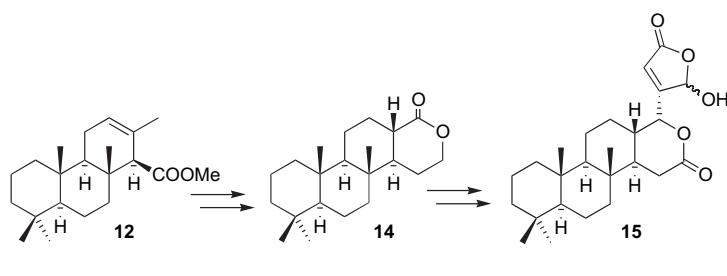
Masatoshi Matsushita, T. Tomoyoshi Takahashi,* Takamitsu Utsukihara, Yohei Shimizu, Rob J. Jansen and C. Akira Horiuchi*



Nor-limonoid and homoisoanticopalane lactones from methyl isoanticopalate

pp 8939–8948

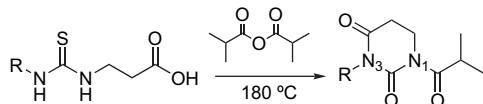
Pilar Basabe,* Sergio Delgado, Isidro S. Marcos, David Diez, Alberto Diego, Mónica de Román, Francisca Sanz and J. G. Urones



Formation of dihydrouracils via cyclization of N-substituted 3-thioureidopropanoic acids and facile desulfurization

pp 8949–8953

Carina M. L. Delpiccolo, Fernando Albericio,* Robert A. Schiksnis and Enrique L. Michelotti*



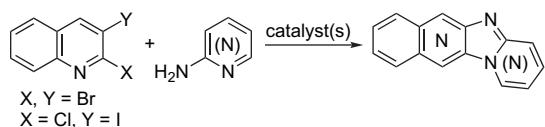
Cyclization of N-3 substituted 3-thioureidopropanoic acids in isobutyric anhydride at high temperature resulted in the unexpected formation of N-3,N-1-substituted dihydrouracils, as confirmed by thorough spectroscopic characterization. A mechanism based on the identification of intermediates observed at lower reaction temperatures is proposed.

i+

Synthesis of pyrido[2',1':2,3]imidazo[4,5-*b*]quinoline and pyrido[1',2':1,2]imidazo[4,5-*b*]quinoline and their benzo and aza analogs via tandem catalysis

Kristof T. J. Loones, Bert U. W. Maes* and Roger A. Dommissé

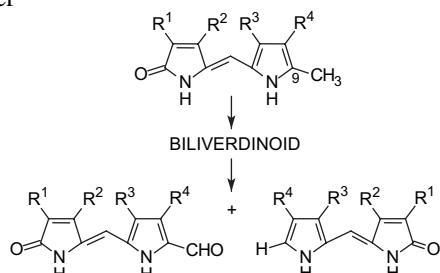
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Converting 9-methyldipyrrinones to 9-H and 9-CHO dipyrrinones

Stefan E. Boiadjiev and David A. Lightner*

pp 8962–8976

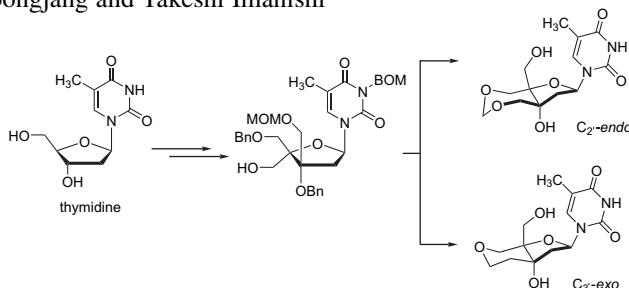


9-Methyldipyrrinones can be cycled through biliverdinoids and converted into 9-H and 9-CHO dipyrrinones by cleavage with thiobarbituric acid as well as other carbon acids, new reaction conditions, and a reverse Knövenagel reaction.

Development of a novel nucleoside analogue with S-type sugar conformation: 2'-deoxy-*trans*-3',4'-bridged nucleic acids

Tomohisa Osaki, Satoshi Obika, Yasuki Harada, Yasunori Mitsuoka, Kensaku Sugaya, Mitsuaki Sekiguchi, Somjing Roongjang and Takeshi Imanishi*

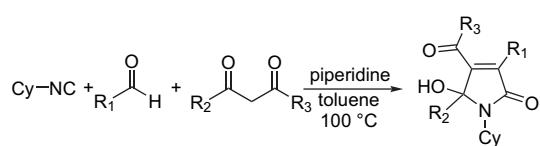
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A facile reaction involving zwitterionic intermediates for the synthesis of 5-hydroxy-2*H*-pyrrol-2-one derivatives

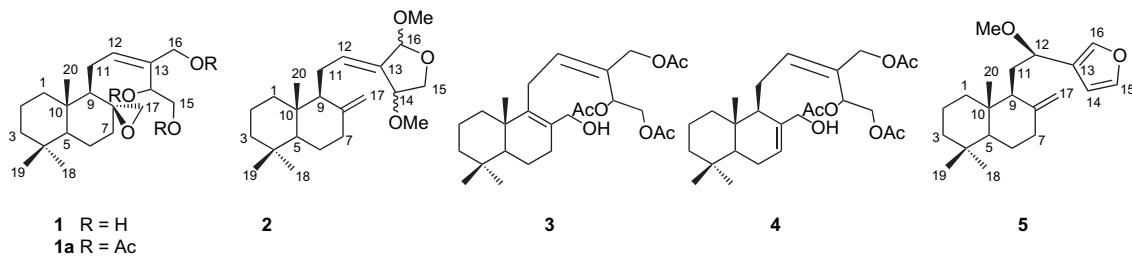
Ming-Jin Fan, Bo Qian, Lian-Biao Zhao and Yong-Min Liang*

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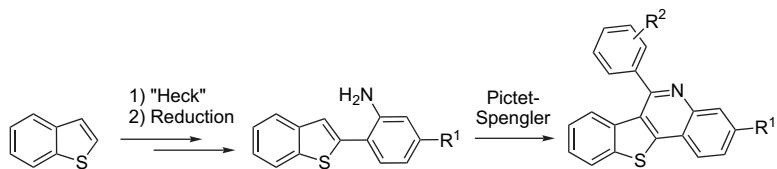
Trypanocidal labdane diterpenoids from the seeds of *Aframomum aulacocarpus* (Zingiberaceae)
 Sylvain Valère T. Sob, Pierre Tane,* Bonaventure T. Ngadjui,* Joseph D. Connolly and Dawei Ma

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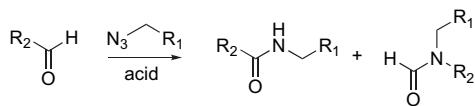
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 Emilie David, Stéphane Pellet-Rostaing and Marc Lemaire*

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Intramolecular and intermolecular Schmidt reactions of alkyl azides with aldehydes
 Huey-Lih Lee and Jeffrey Aubé*

pp 9007–9015

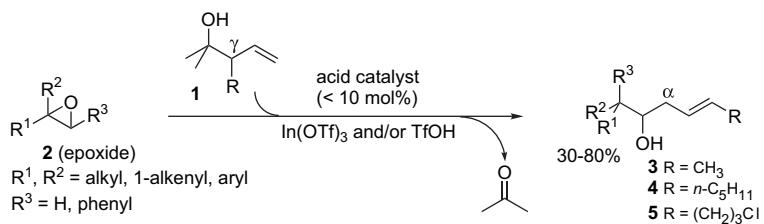


The acid-promoted reactions of alkyl azides to form amides were studied in both intramolecular and intermolecular settings.

Epoxide as an aldehyde equivalent in allyl-transfer reaction with γ -adduct of homoallylic alcohol (allyl donor) giving α -adduct of homoallylic alcohol

pp 9016–9022

Junzo Nokami,* Kazuho Maruoka, Taichi Souda and Nobuo Tanaka



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