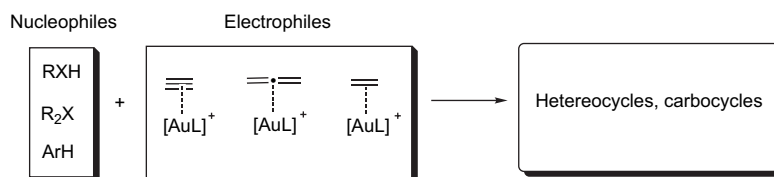


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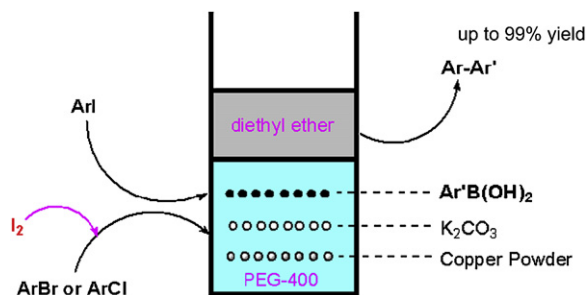
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- Recent advances in syntheses of heterocycles and carbocycles via homogeneous gold catalysis. Part 1: Heteroatom addition and hydroarylation reactions of alkynes, allenes, and alkenes** pp 3885–3903
Hong C. Shen

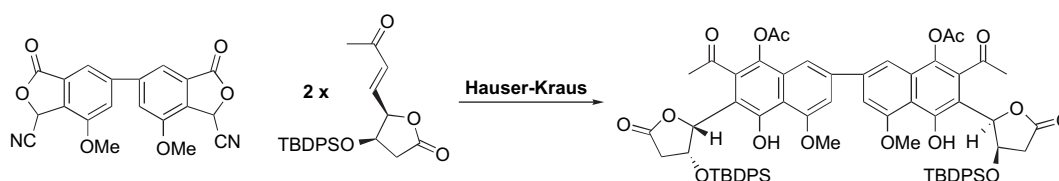


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- Highly efficient copper(0)-catalyzed Suzuki–Miyaura cross-coupling reactions in reusable PEG-400** pp 3905–3911
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- An approach to an enantioselective synthesis of crisamicin A via a novel double Hauser–Kraus annulation strategy** pp 3912–3927
Olivier Andrey, Jonathan Sperry, Uffe S. Larsen, Margaret A. Brimble*

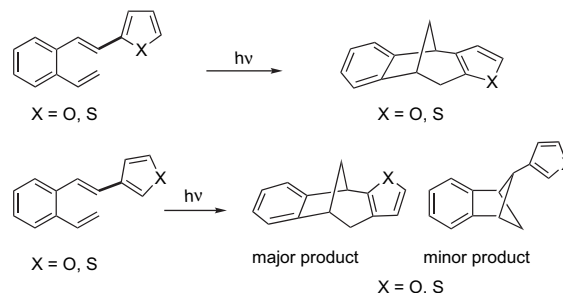


Photobehaviour of 2- and 3-heteroaryl substituted *o*-divinylbenzenes; formation of fused 2,3- and 3,2-heteroareno-benzobicyclo[3.2.1]octadienes and 3-heteroaryl benzobicyclo[2.1.1]hexenes

pp 3928–3934

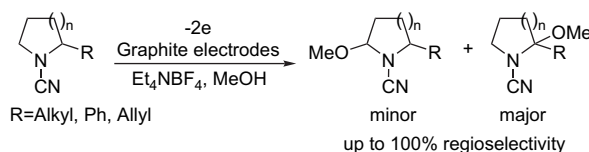
Dragana Vidaković, Irena Škorić, Margareta Horvat, Željko Marinić, Marija Šindler-Kulyk*

Contrary to 2-furyl- and 2-thienyl-*o*-divinylbenzenes, which show only the 1,6-ring closure, the 3-thienyl- and 3-furyl-derivatives show 1,6- and 1,4-ring closure producing bicyclo[3.2.1]octadiene and bicyclo[2.1.1]hexene derivatives, respectively.


High regioselectivity in electrochemical α -methoxylation of *N*-protected cyclic amines

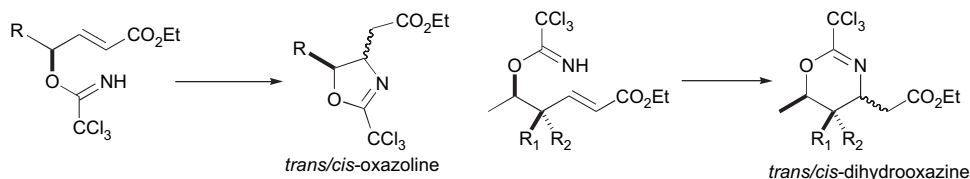
pp 3935–3942

Samuel S. Libendi, Yosuke Demizu, Yoshihiro Matsumura, Osamu Onomura*


Intramolecular conjugate addition of γ - and δ -trichloroacetimidoyloxy- α,β -unsaturated esters in an acyclic system

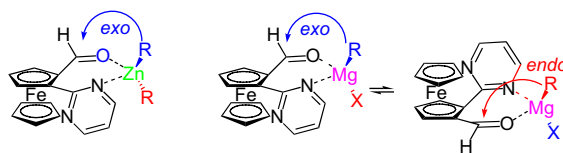
pp 3943–3952

Yoshitaka Matsushima*, Jun Kino


Diastereoselective addition of organozinc and organomagnesium reagents to 2-(2'-pyrimidyl)ferrocenecarbaldehyde

pp 3953–3959

Marta Omedes, Pilar Gómez-Sal, Julien Andriès, Albert Moyano*

R = Me, Et, ^tPr; X = Cl, Br

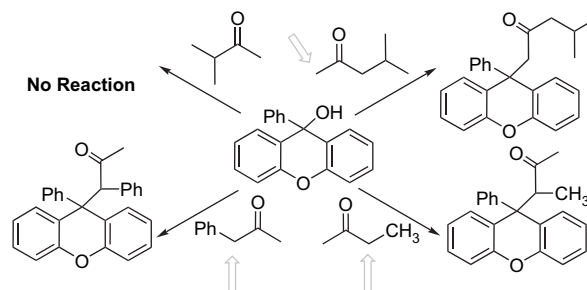
Addition of diisopropylzinc, diethylzinc, and isopropylmagnesium chloride to 2-(2'-pyrimidyl)ferrocenecarbaldehyde, readily available either in racemic form or with high enantiomeric purity, takes place with high diastereoselectivity to afford the α -ferrocenyl alcohol of (R^* , pR^*) configuration.

Syntheses and regiochemistry of enol addition to 9-phenyl-9H-xanthen-9-ol

Veerababurao Kavala, Siva Murru, Gopal Das, Bhisma K. Patel*

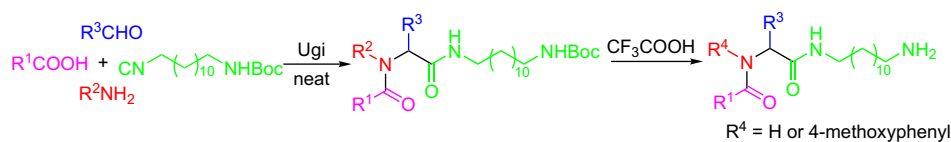
pp 3960–3965

Although thermodynamically stable enol attack is normally observed but when steric factors dominates either kinetically controlled enol addition or no reaction is observed.

**Solvent-free Ugi four-component condensation: application to synthesis of philanthotoxins-12 analogues**

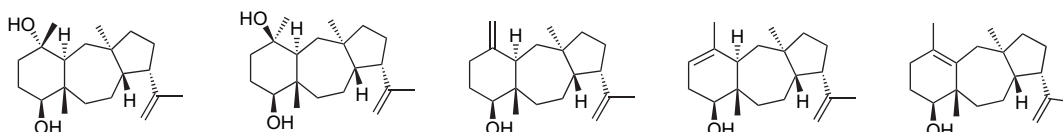
Nianjin Liu, Song Cao*, Jingjing Wu, Jinlong Yu, Li Shen, Xin Feng, Xuhong Qian*

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**Dolastanes from the brown alga *Dilophus spiralis*: absolute stereochemistry and evaluation of cytotoxicity**

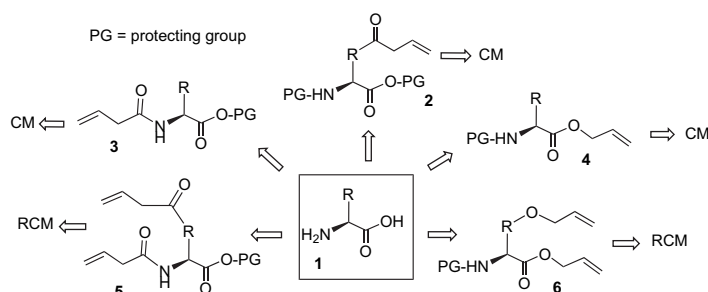
Efstathia Ioannou, Antonio Quesada, Constantinos Vagias, Vassilios Roussis*

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**Cross-metathesis and ring-closing metathesis reactions of amino acid-based substrates**

Andrea J. Vernall, Steven Ballet, Andrew D. Abell*

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Facile synthesis of 6a-carba- β -D-fructopyranose through an RCM approach

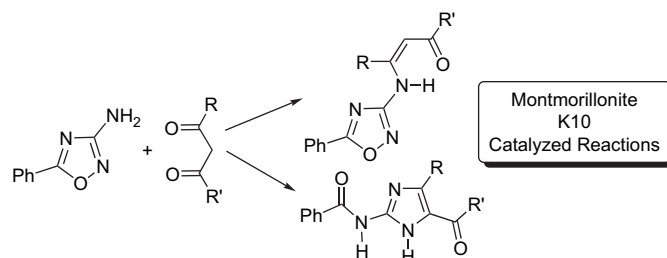
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Sotirios M. Totokotsopoulos, Alexandros E. Koumbis, John K. Gallos*

**Synthesis of trifluoromethylated 2-benzoyl- and 2-aminoimidazoles from ring rearrangement of 1,2,4-oxadiazole derivatives**

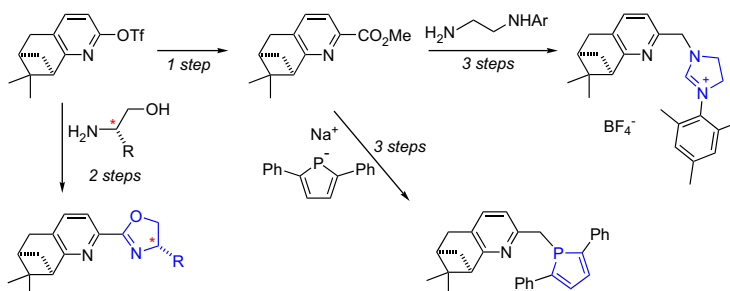
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Antonio Palumbo Piccionello, Andrea Pace, Silvestre Buscemi*, Nicolò Vivona, Marcella Pani

**New pinene-derived pyridines as bidentate chiral ligands**

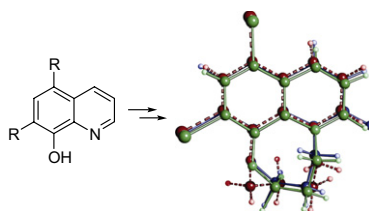
pp 4011–4025

Andrei V. Malkov*, Angus J. P. Stewart-Liddon, Filip Teplý, Lukáš Kobr, Kenneth W. Muir, David Haigh, Pavel Kočovský*

**Facile synthesis of seven to nine-membered-fused tricyclic quinolones and quinolinium salts under phase transfer catalyzed conditions**

pp 4026–4036

Priyankar Paira, Abhijit Hazra, Krishnendu B. Sahu, Sukdeb Banerjee, Nirup B. Mondal*, Niranjan P. Sahu, Manuela Weber, Peter Luger



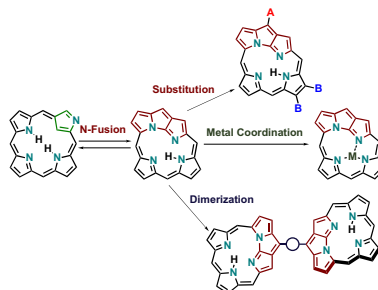
The synthesis of novel fused oxazepino, oxazocino, and oxazonino quinolinium cations and their corresponding quinolones from the reactions of 8-hydroxy quinoline derivatives in a one-pot sequence is described.



Substitution, dimerization, metalation, and ring-opening reactions of *N*-fused porphyrins

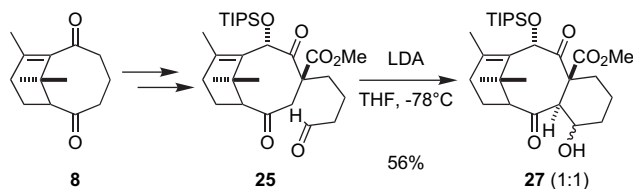
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Tomoya Ishizuka, Shinya Ikeda, Motoki Toganoh, Ichiro Yoshida, Yuichi Ishikawa, Atsuhiko Osuka, Hiroyuki Furuta*

**A novel route for the construction of Taxol ABC-ring framework: skeletal rearrangement approach to AB-ring and intramolecular aldol approach to C-ring**

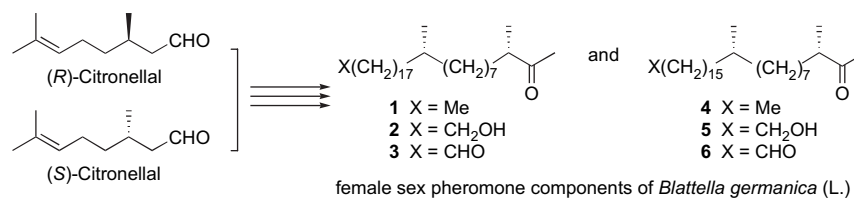
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**Synthesis of all the six components of the female-produced contact sex pheromone of the German cockroach, *Blattella germanica* (L.)**

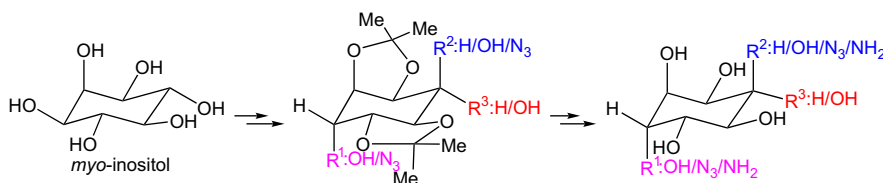
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Kenji Mori

**Efficient syntheses of optically pure *chiro*- and *allo*-inositol derivatives, azidocyclitols and aminocyclitols from *myo*-inositol**

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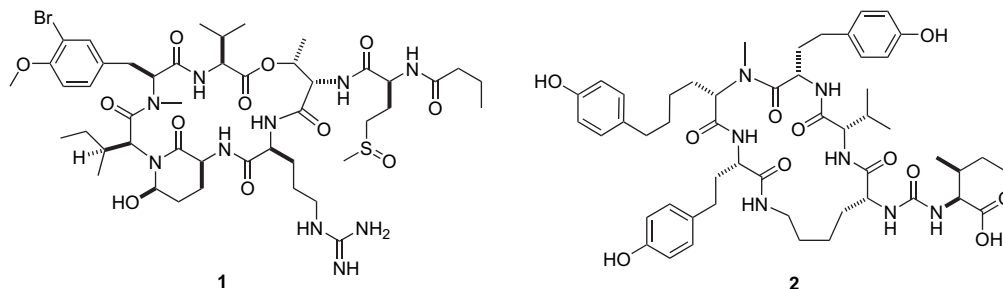
Kana M. Sureshan*, Kyoko Ikeda, Naoki Asano, Yutaka Watanabe*



Pompanopeptins A and B, new cyclic peptides from the marine cyanobacterium *Lyngbya confervoides*

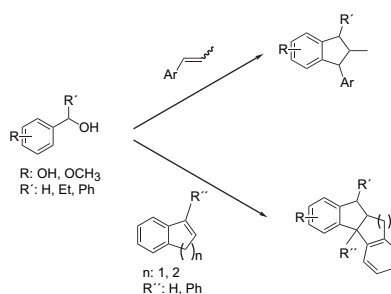
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Susan Matthew, Cliff Ross, Valerie J. Paul, Hendrik Luesch*

**Scope of the formal [3+2] cycloaddition for the synthesis of substituted 3-arylindanes and related compounds**

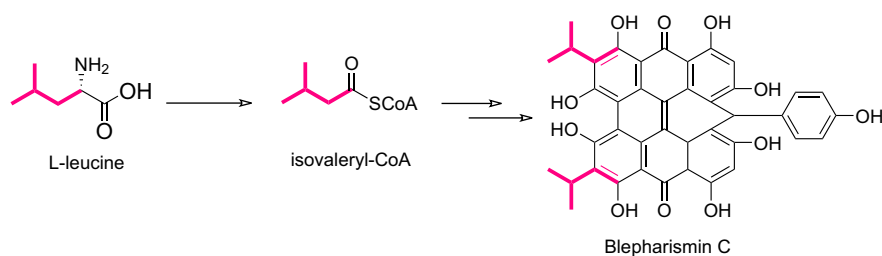
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Beatriz Lantaño, José Manuel Aguirre, Esteban Ariel Ugliarolo, María Laura Benegas, Graciela Yolanda Moltrasio*

**Starter units of the biosynthesis of blepharismins: self-defense pigments of *Blepharisma japonicum***

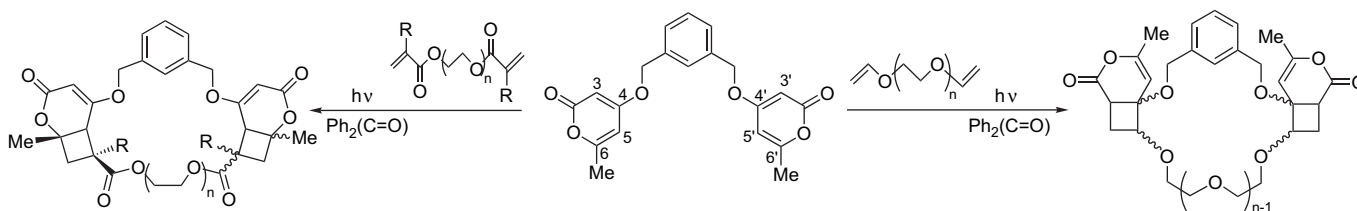
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Koichi Yoshioka, Sohei Tominaga, Yoshiyuki Uruma, Yoshinosuke Usuki, Hideo Iio*

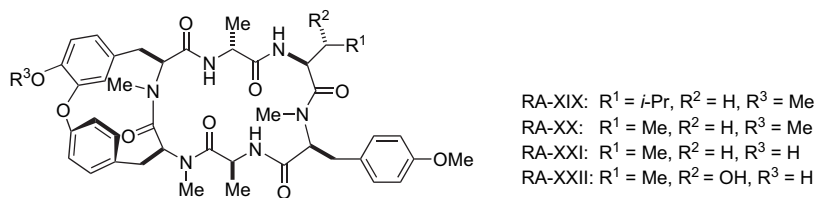
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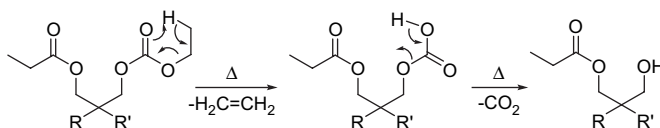
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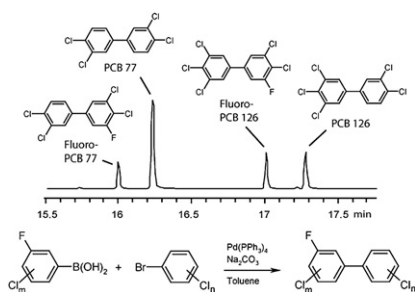
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*Corresponding author

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