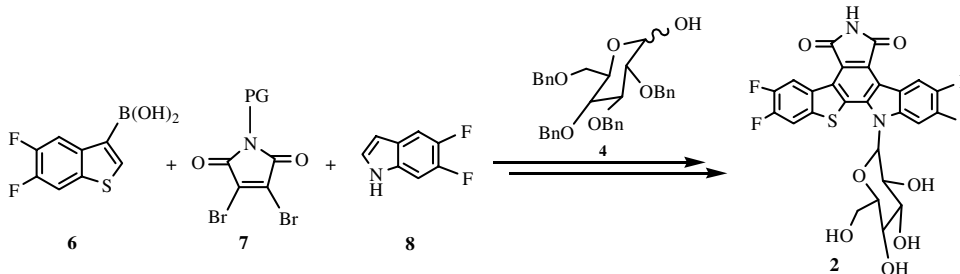


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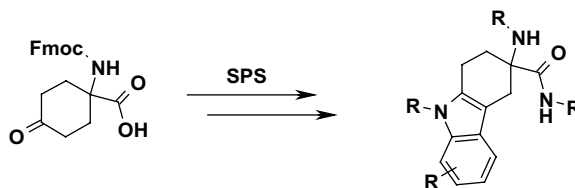
Highly convergent synthesis of a rebeccamycin analog with benzothieno(2,3-*a*)pyrrolo(3,4-*c*)carbazole as the aglycone pp 907–910

Jianji Wang,* Nachimuthu Soundarajan, Nian Liu, Kurt Zimmermann and B. Narasimhulu Naidu



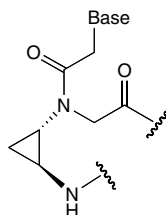
Solid-phase synthesis of substituted 3-amino-3'-carboxy-tetrahydrocarbazoles pp 911–914

Marcus Koppitz,* Gabriele Reinhardt and Anneke van Lingen



Cyclopropane PNA: observable triplex melting in a PNA constrained with a 3-membered ring pp 915–917

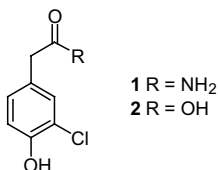
Jonathan K. Pokorski, Michael C. Myers and Daniel H. Appella*



The isolation and synthesis of 3-chloro-4-hydroxyphenylacetamide produced by a plant-associated microfungus of the genus *Xylaria*

pp 919–921

Rohan A. Davis,* Dianne Watters and Peter C. Healy

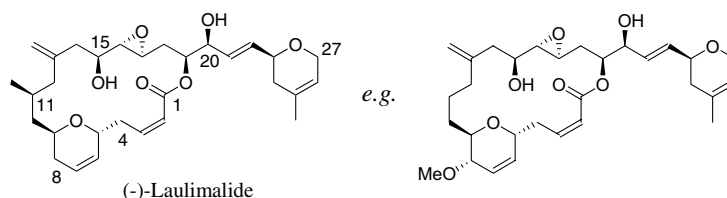


Chemical investigations of the fermentation broth from *Xylaria* sp. have afforded the new natural product 3-chloro-4-hydroxyphenylacetamide **1** and the previously reported fungal metabolite 3-chloro-4-hydroxyphenylacetic acid **2**. This letter reports the isolation and full spectroscopic characterisation of compounds **1** and **2**. The crystal structure and one-pot synthesis of 3-chloro-4-hydroxyphenylacetamide are also reported.

Synthesis of 8-(*S*)-methoxy-11-desmethyl laulimalide: a novel laulimalide analogue

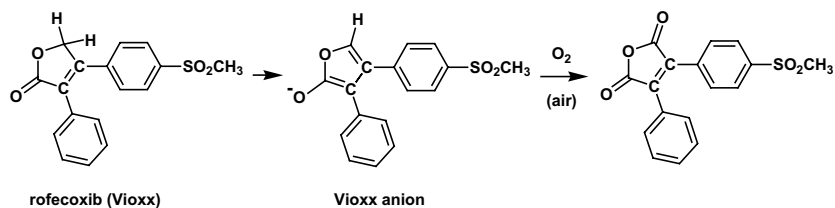
pp 923–926

Brian M. Gallagher, Jr.,* Hongjuan Zhao, Marc Pesant and Francis G. Fang


Facile air oxidation of the conjugate base of rofecoxib (Vioxx™), a possible contributor to chronic human toxicity

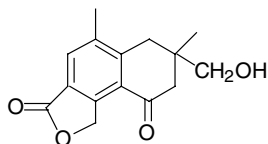
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Leleti Rajender Reddy and E. J. Corey*


Stenotarsol, a new terpenoid from *Stenotarsus subtilis* (Coleoptera: Endomychidae)

pp 931–932

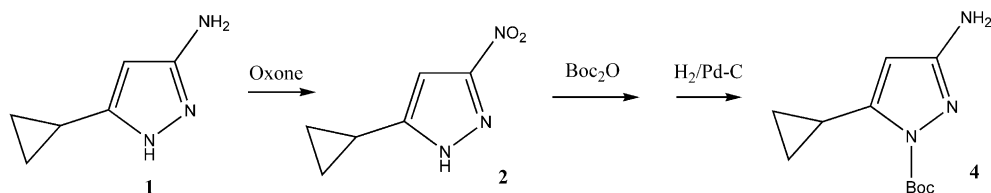
Pascal Laurent, Désiré Daloze, Jean-Claude Braeckman* and Jacques M. Pasteels



3-Acylaminopyrazole derivatives via a regioselectively *N*-protected 3-nitropyrzazole

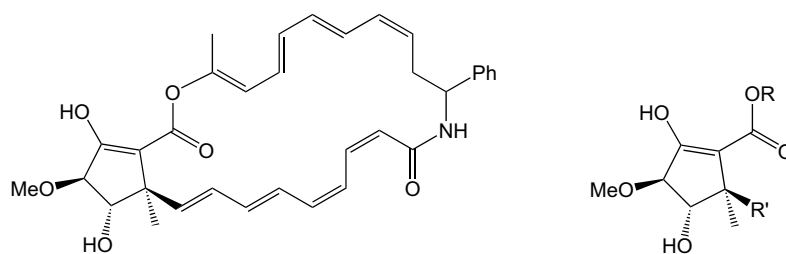
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Paolo Orsini,* Gabriella Traquandi, Pietro Sansonna and Paolo Pevarello

**A route to the fully substituted cyclopentane unit of viridenomycin using a tandem radical cyclisation–trapping strategy**

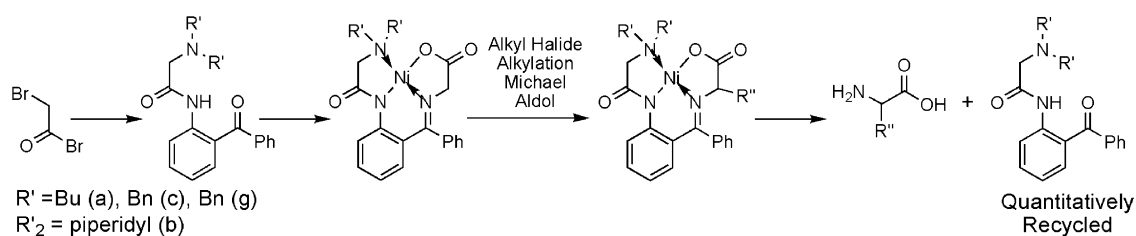
pp 937–939

Nicholas P. Mulholland and Gerald Pattenden*

**New generation of nucleophilic glycine equivalents**

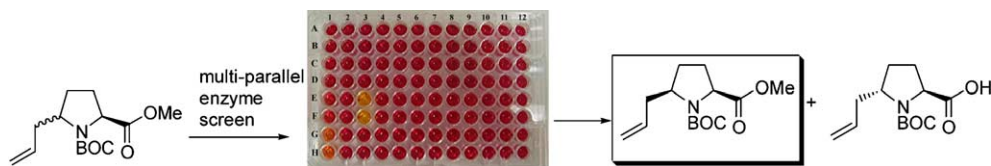
pp 941–944

Trevor K. Ellis, Hisanori Ueki and Vadim A. Soloshonok*

**Separation of pyrrolidine allylation products by diastereoselective enzymatic ester hydrolysis**

pp 945–947

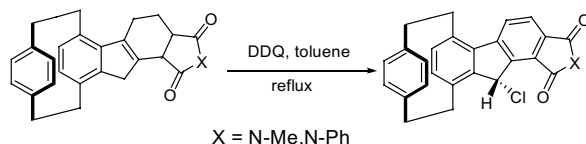
Varinder K. Aggarwal,* Christopher J. Astle, Hans Iding, Beat Wirz and Mark Rogers-Evans



Unexpected chlorination of angularly annelated [2.2]paracyclophanes during DDQ oxidation

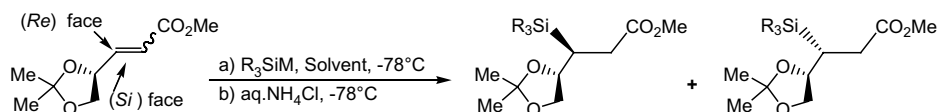
pp 949–950

Lucio Minuti,* Aldo Taticchi,* Assunta Marrocchi, Daniela Lanari, Eszter Gacs-Baitz and Agnes Gomory

**Diastereoselective addition of silyl metals to γ -alkoxy substituted α,β -unsaturated esters**

pp 951–953

Alain Krief,* Willy Dumont and Diane Baillieul

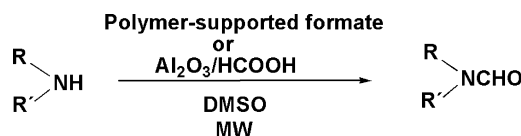


Syllolithiums add to *Z*- γ -alkoxy- α,β -unsaturated esters to produce almost exclusively the *syn*-adducts when the reaction is carried out in THF. It takes another course when carried out in the presence of HMPA and leads to the *anti*-adducts.

Thermal and microwave-assisted *N*-formylation using solid-supported reagents

pp 955–957

Bimbisar Desai,* Timothy N. Danks and Gabriele Wagner

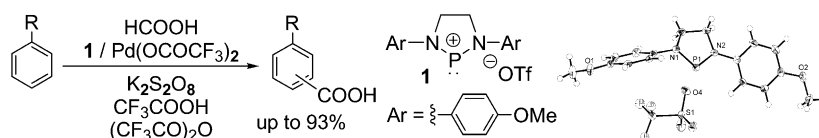


A rapid and easy route to formamides by microwave assisted *N*-formylation of primary and secondary amines using an insoluble polymer or an inorganic solid-supported formate is described.

An efficient Pd(II)-based catalyst system for carboxylation of aromatic C–H bond by addition of a phosphonium salt

pp 959–962

Ken Sakakibara, Makoto Yamashita and Kyoko Nozaki*

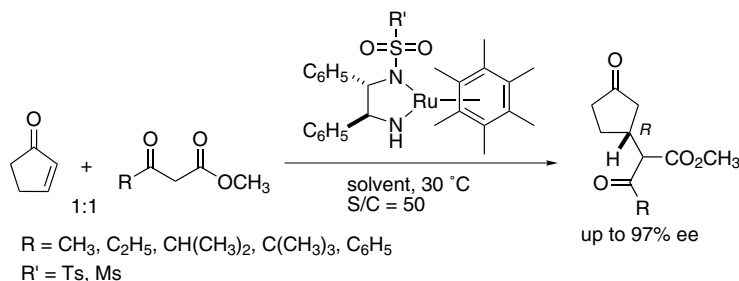


Addition of a phosphonium dramatically improved the reaction yields in the carboxylation of arenes by formic acid catalyzed by Pd(II). Control experiments revealed that the majority of the phosphonium triflate was converted to a mixed anhydride of phosphonic acid and formic acid (**7**), which however did not substitute for the phosphonium to improve the reaction yield.

Asymmetric 1,4-addition of β -keto esters to cyclic enones catalyzed by Ru amido complexes

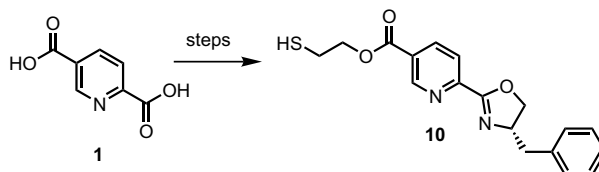
pp 963–966

Hui Wang, Masahito Watanabe and Takao Ikariya*

**Synthesis of a novel carboxy functionalized PyOX-ligand**

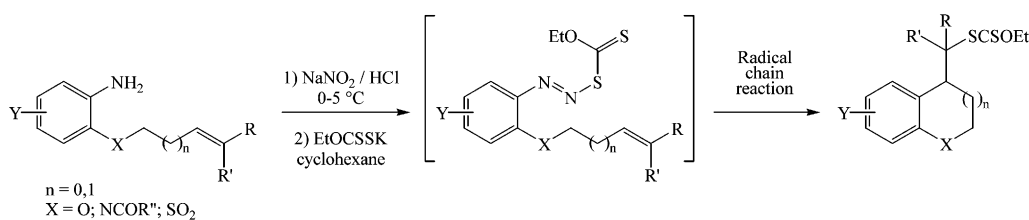
pp 967–969

Markku J. Oila, Jan E. Tois and Ari M. P. Koskinen*

**A practical variation on the Leuckart reaction**

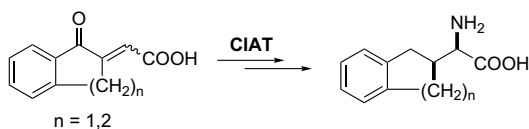
pp 971–973

Lucie Tournier and Samir Z. Zard*

**Crystallization-induced asymmetric transformation (CIAT) with simultaneous epimerization at two stereocenters. A short synthesis of conformationally constrained homophenylalanines**

pp 975–978

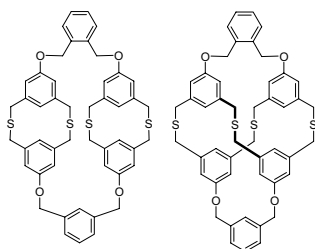
Andrej Kolarovič,* Dušan Berkeš, Peter Baran and František Považanec



Synthesis and structural analysis of isomeric pyridinophanes and thiacyclopphanes

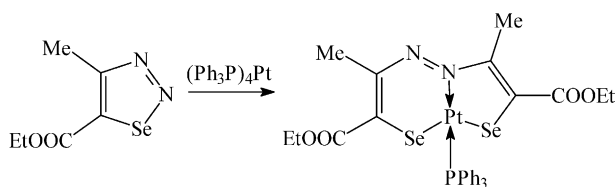
pp 995–999

Perumal Rajakumar,* Manickam Dhanasekaran, Sivashanmugam Selvanayagam, Venkatachalam Rajakannan, Devadasan Velmurugan and Krishnan Ravikumar

**Synthesis and application of a new selenoplatinum catalyst**

pp 1001–1003

Pavel Arsenyan,* Kristine Oberte, Kira Rubina and Sergey Belyakov

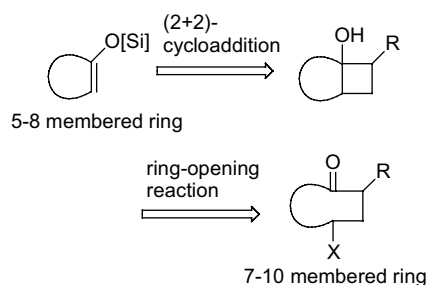


The reaction of 4-methyl-5-ethoxycarbonyl-1,2,3-selenadiazole with $(\text{PPh}_3)_4\text{Pt}$ leads to the formation of a new platinum-containing heterocyclic system. It was found that the selenoplatinum complex is a selective catalyst for the hydrosilylation of terminal alkynes to yield β -(*Z*)- and β -(*E*)-silylethylenes.

Synthesis of medium-sized cyclic γ -haloketones by radical mediated ring-opening reaction of Lewis acid catalyzed (2+2)-cycloaddition products

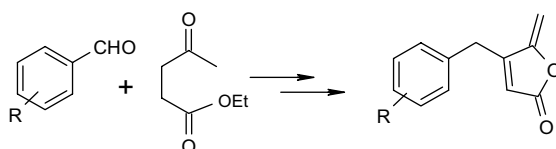
pp 1005–1008

Kiyosei Takasu,* Satoshi Nagao and Masataka Ihara*

**Convenient synthesis of 5-methylene-4-substituted-2(5*H*)-furanones**

pp 1009–1012

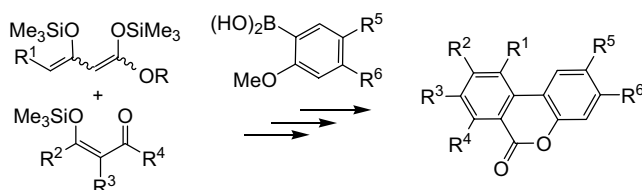
Vishal A. Mahajan, Popat D. Shinde, Hanumant B. Borate and Radhika D. Wakharkar*



A two-step synthesis of novel 4-(substituted)benzyl/naphthalenylmethyl-5-methylene-2(5*H*)-furanones starting from the corresponding substituted benzaldehydes or naphthaldehydes is described.

Synthesis of dibenzo[*b,d*]pyran-6-ones based on a '[3+3] cyclization–Suzuki cross-coupling' strategy
 Van Thi Hong Nguyen and Peter Langer*

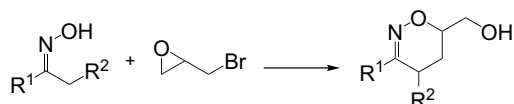
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Synthesis of 6-hydroxymethyl-5,6-dihydro-4*H*-1,2-oxazines by one-pot-cyclization of dilithiated oximes with epibromohydrin

pp 1017–1019

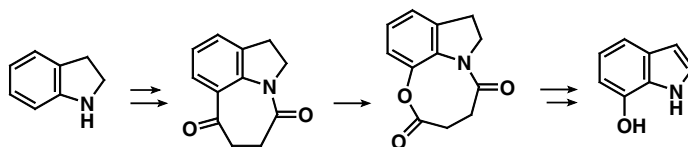
Uwe Albrecht, Katrin Gerwien and Peter Langer*



Convenient synthesis of 7-hydroxyindole

pp 1021–1022

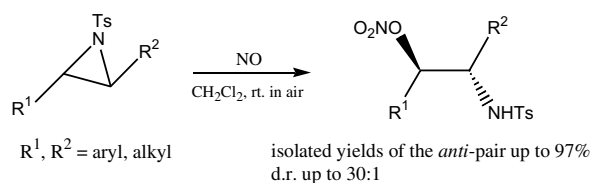
Kazunao Ishiyama and Yasuhiro Yamada*



Regio- and stereoselective ring opening of aziridines with nitric oxide

pp 1023–1025

Zhong-Quan Liu, Yuan Fan, Rui Li, Bo Zhou and Long-Min Wu*



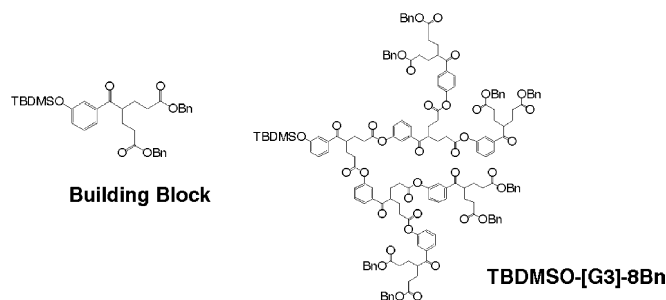
Reaction of *N*-tosyl aziridines with nitric oxide affords the corresponding ring-opened products in regio-, stereoselectivities and excellent yields.



Synthesis of polyester dendrimers and dendrons starting from Michael reaction of acrylates with 3-hydroxyacetophenone

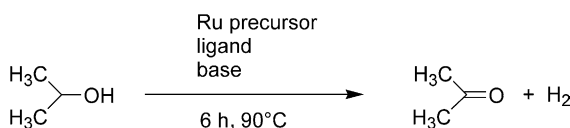
pp 1027–1030

Yuuki Hirayama, Yohko Sakamoto, Kentaro Yamaguchi, Shigeru Sakamoto and Michiko Iwamura*

**Ruthenium-catalyzed generation of hydrogen from *iso*-propanol**

pp 1031–1034

Henrik Junge and Matthias Beller*

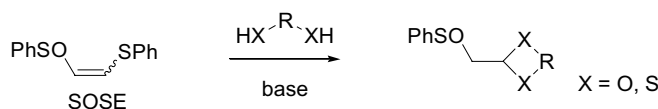


The development of catalysts for the dehydrogenation of *iso*-propanol has been investigated in more detail. At comparably low temperature (90 °C) unprecedented catalyst activity (turnover frequencies up to 155 h⁻¹; after 2 h) is obtained with RuCl₃·xH₂O and 2-di-*tert*-butyl-phosphinyl-1-phenyl-1*H*-pyrrole **4**.

Expedient synthesis of β-cycloacetalic sulfoxides. Introducing 1-phenylsulfinyl-2-phenyl-sulfanylene (SOSE), a promising new alkenylsulfur reagent

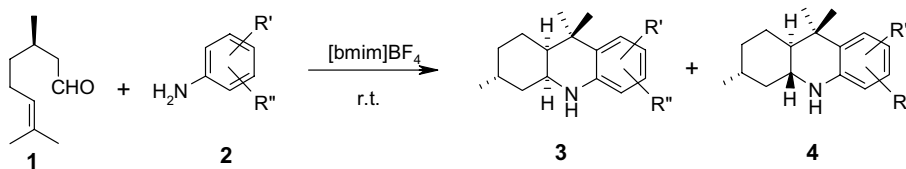
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Elena Căbăncă, Arnaud Tatibouët, Fabrizio Fabris, Ottorino De Lucchi and Patrick Rollin*

**Ionic liquid accelerated intramolecular hetero-Diels–Alder reactions: a protocol for the synthesis of octahydroacridines**

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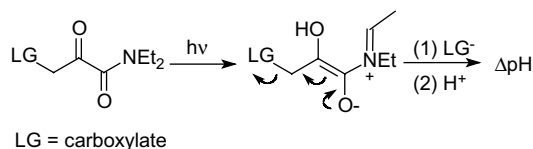
J. S. Yadav,* B. V. S. Reddy, Lakshindra Chetia, G. Srinivasulu and A. C. Kunwar



Time-resolved pH jump study of photochemical cleavage and release of carboxylic acids from α -keto amides

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Chicheng Ma, Mark G. Steinmetz,* Erica J. Kopatz and Rajendra Rathore

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*Corresponding author

i+ Supplementary data available via ScienceDirect

COVER

The anion of the weakly acidic COX-2 inhibitor rofecoxib (Vioxx) reacts with molecular oxygen under ambient conditions to form a diarylmaleic anhydride, a possible contributor to low level chronic toxicity in vivo because of its chemical reactivity. *Tetrahedron Letters* **2005**, 46, 927–929.

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