

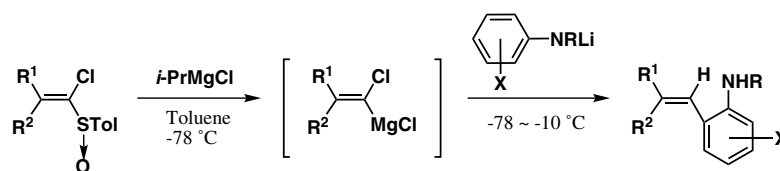
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COMMUNICATIONS

Direct alkenylation of arylamines at the *ortho*-position

pp 5785–5789

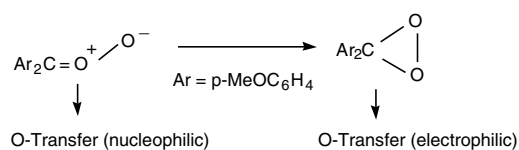
Tsuyoshi Satoh,* Yumi Ogino and Masatomo Nakamura



Direct observation for the cyclization of a diarylcarbonyl oxide

pp 5791–5793

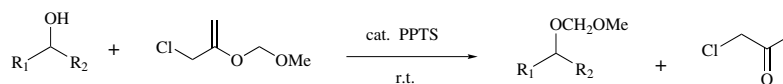
Hiroshi Hanaki, Yuta Fukatsu, Masaki Harada and Yasuhiko Sawaki*



New efficient method of alkoxyethyl etherification of secondary alcohols

pp 5795–5797

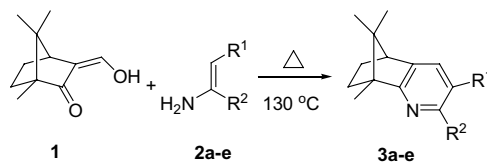
Yosuke Watanabe and Tetsuya Ikemoto*



Synthesis of various camphor-based chiral pyridine derivatives

pp 5799–5801

Cihangir Tanyeli,* İdris M. Akhmedov and Murat Işık

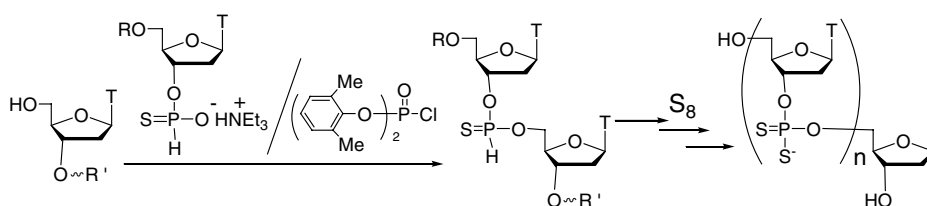


(+)-β-Hydroxymethylenecamphor **1** and enamines **2a–e** were transformed into chiral camphor-based pyridine derivatives **3a–e** via a tandem condensation reaction in good yields.

Synthesis of oligonucleoside phosphorodithioates by the *H*-phosphonothioate method

pp 5803–5806

Kazuo Kamaike,* Kumi Hirose, Yoshihiro Kayama and Etsuko Kawashima

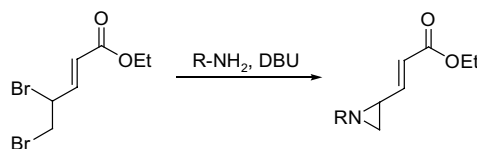


The phosphorodithioate oligomers were efficiently synthesized using bis(2,6-dimethylphenyl) phosphorochloridate as a coupling agent by application of the *H*-phosphonothioate method.

Aziridination of γ,δ-dibromoethyl-2-pentenoate with primary amines: extension of the Gabriel–Cromwell reaction

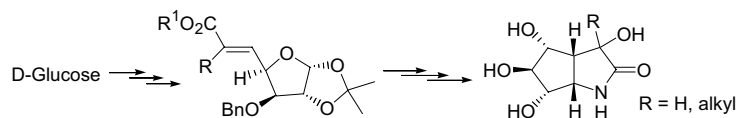
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Rachel L. Weller and Scott R. Rajski*

**[3+2] Cycloaddition reactions: a simple entry to the 1-aza-2-oxo-3,4,5,6-tetrahydrobicyclo[3.3.0]octane ring system**

pp 5811–5814

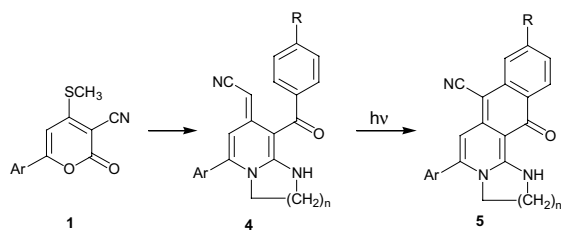
Ashim Roy, Biswajit G. Roy, Basudeb Achari and Sukhendu B. Mandal*



An innovative approach to the synthesis of annelated [a]diazanthracenones through tandem cyclization

pp 5815–5818

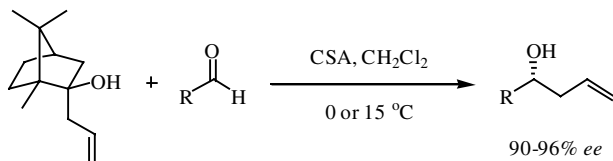
Ashoke Sharon, Prakas R. Maulik, Raja Roy and Vishnu Ji Ram*



A highly enantioselective allyl-transfer through suppression of epimerization

pp 5819–5822

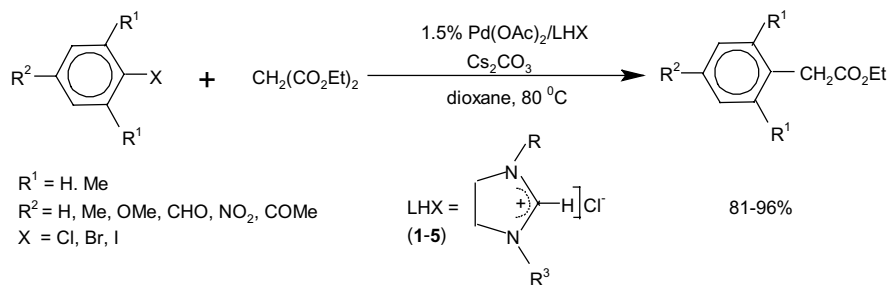
Cheng-Hsia Angeline Lee and Teck-Peng Loh*



Synthesis of arylacetic acid derivatives from diethyl malonate using in situ formed palladium(1,3-dialkylimidazolidin-2-ylidene) catalysts

pp 5823–5825

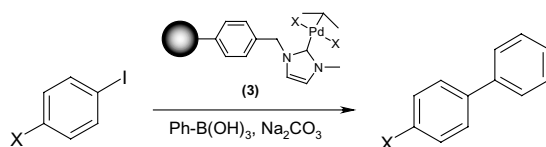
Ismail Özdemir, Murat Yiğit, Engin Çetinkaya and Bekir Çetinkaya*



N-Heterocyclic carbene–palladium complex on polystyrene resin surface as polymer-supported catalyst and its application in Suzuki cross-coupling reaction

pp 5827–5831

Jong-Ho Kim, Bong-Hyun Jun, Jang-Woong Byun and Yoon-Sik Lee*

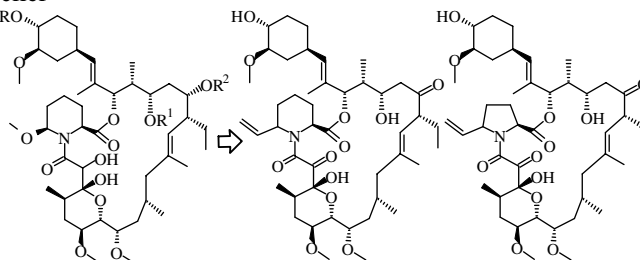


A poly(imidazoliummethyl styrene)-*surface grafted*-polystyrene resin was prepared by suspension polymerization. This was used as the polymer-supported carbene precursor for the palladium complex, which efficiently catalyzed the Suzuki cross-coupling of aryl halides and phenylboronic acid.

Synthesis of 6-vinyl and 5-vinylproline analogues of ascomycin

pp 5833–5836

Murty A. R. C. Bulusu,* Peter Waldstätten, Thomas Tricotet, Christophe Rochais, Andrea Steck and Markus Bacher

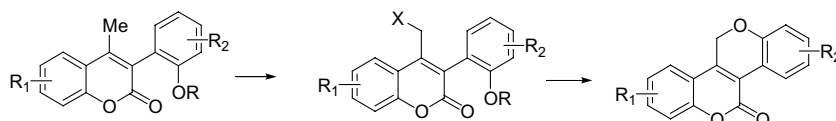


6-Vinyl, and, (5*R*)- and (5*S*)-vinylproline analogues of ascomycin are synthesised starting from a photoproduct obtained through irradiation of a suitably protected ascomycin derivative.

A facile synthesis of an unsymmetric benzopyranobenzopyran ring system

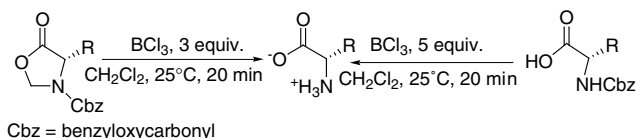
pp 5837–5839

Ramesh M. Kanojia, Nareshkumar Jain, Jiayi Xu and Zhihua Sui*

**Facile and rapid regeneration of free amino acids from *N*-benzyloxycarbonyl-5-oxazolidinones and from *N*-benzyloxycarbonylamino derivatives by treatment with BCl₃ in dichloromethane**

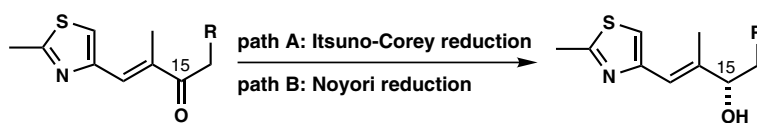
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Pietro Allevi,* Riccardo Cribiù and Mario Anastasia

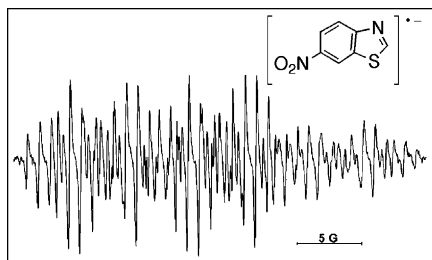
**Practical syntheses of the C12–C21 epothilone subunit via catalytic asymmetric reductions: Itsuno–Corey oxazaborolidine reduction and asymmetric Noyori hydrogenation**

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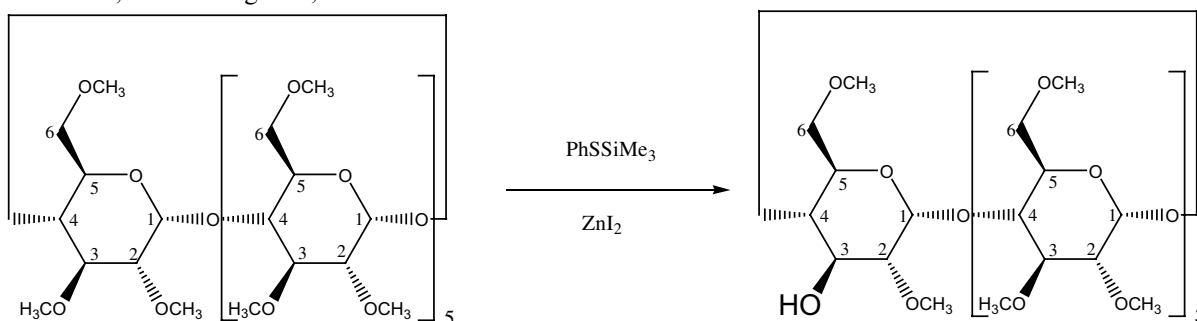
Emily A. Reiff, Sajiv K. Nair, B. S. Narayan Reddy, Jun Inagaki, John T. Henri, Jack F. Greiner and Gunda I. Georg*



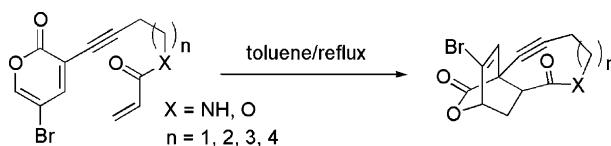
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 Thomas Chaise, Eric Bourgeaux, Pascal Cardinael* and J. C. Combret

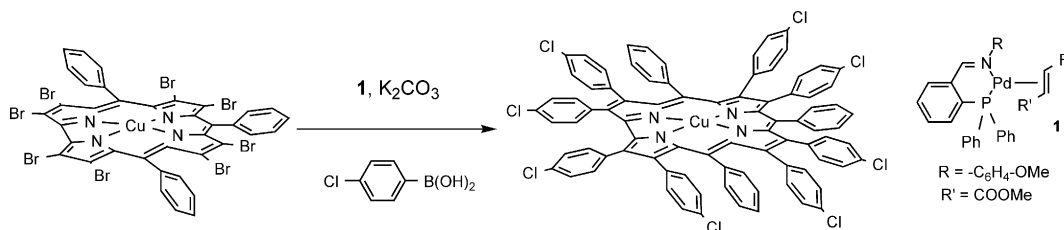


IMDA cycloadditions of 3-alkynyl tethered 2-pyrones for the synthesis of medium-sized macrocycles pp 5857–5860
 Jeong-Taek Shin, Seunghoon Shin and Cheon-Gyu Cho*



Iminophosphine–palladium(0) complexes as highly active catalysts in the Suzuki reaction. Synthesis of undecaaryl substituted corroles pp 5861–5864

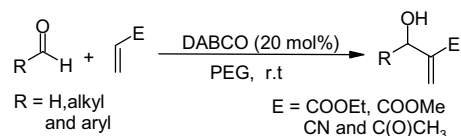
Alberto Scrivanti,* Valentina Beghetto, Ugo Matteoli, Simonetta Antonaroli, Alessia Marini, Federica Mandoj, Roberto Paolesse and Bruno Crociani*



Poly(ethyleneglycol) (PEG): a rapid and recyclable reaction medium for the DABCO-catalyzed Baylis–Hillman reaction

pp 5865–5867

S. Chandrasekhar,* Ch. Narsihmulu, B. Saritha and S. Shameem Sultana

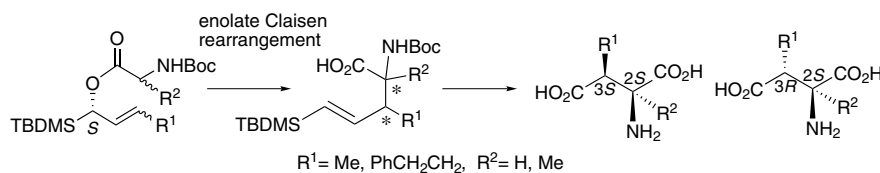


PEG (400) has been used as a rapid and recyclable reaction medium for the Baylis–Hillman reaction with the conventional basic catalyst DABCO (20 mol%) with very good yields of products. Recyclability is achieved with no further addition of DABCO to the reaction medium over four runs without substantial loss in yields. Incidentally, DABCO is recycled for the first time in this transformation.

Synthesis of optically active β -alkyl aspartate via [3,3] sigmatropic rearrangement of α -acyloxytrialkylsilane

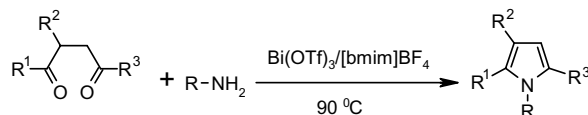
pp 5869–5872

Kazuhiko Sakaguchi,* Masahiro Yamamoto, Tetsuo Kawamoto, Takeshi Yamada, Tetsuro Shinada, Keiko Shimamoto and Yasufumi Ohfuné*


Bi(OTf)₃/[bmim]BF₄ as novel and reusable catalytic system for the synthesis of furan, pyrrole and thiophene derivatives

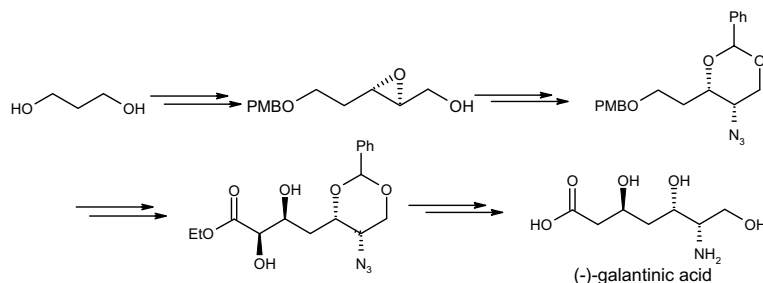
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J. S. Yadav,* B. V. S. Reddy, B. Eeshwaraiah and Manoj Kumar Gupta


Enantioselective synthesis of (–)-galantinic acid

pp 5877–5879

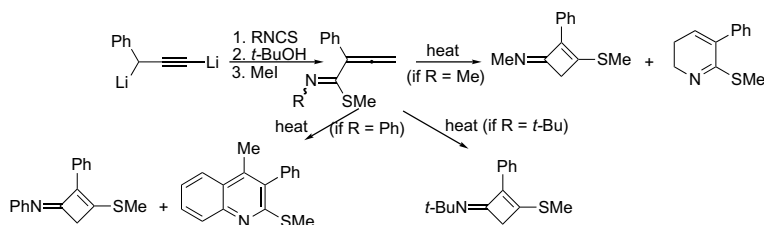
Satyendra Kumar Pandey, SubbaRao V. Kandula and Pradeep Kumar*



A novel thermal rearrangement of allenic imidothioates. Formation of iminocyclobutenes

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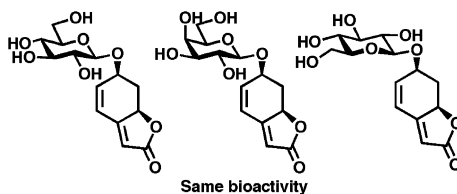
Ol'ga A. Tarasova, Nina A. Nedolya, Lambert Brandsma* and Alexander I. Albanov



Enantioselective synthesis of phyllanthurinolactone, a leaf-closing substance of *Phyllanthus urinaria* L., and its analogs toward the development of molecular probes

pp 5885–5888

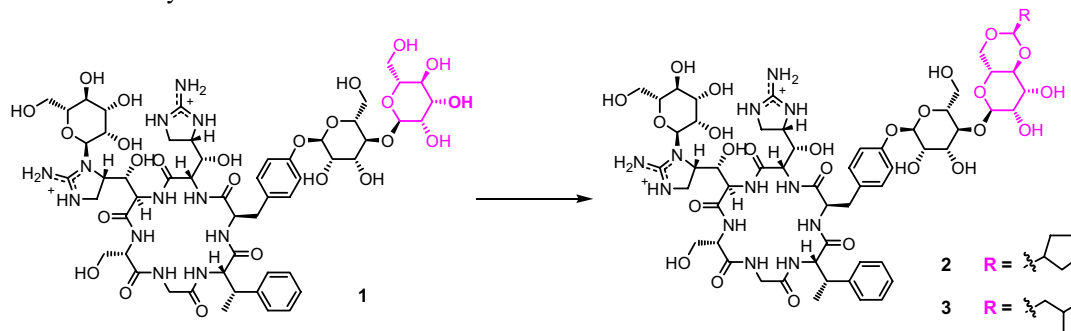
Yoshifumi Urakawa, Takanori Sugimoto, Hiroataka Sato and Minoru Ueda*



Structural determination of mannopeptimycin cyclic acetals

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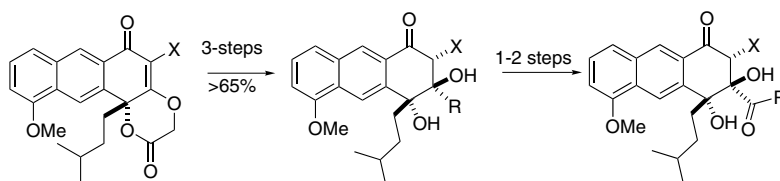
Haiyin He,* Ting-Zhong Wang, Russell G. Dushin, Xidong Feng, Bo Shen, Joseph S. Ashcroft, Frank E. Koehn and Guy T. Carter



A short diastereoselective synthesis of the (±)-rishirilide B core structure

pp 5895–5899

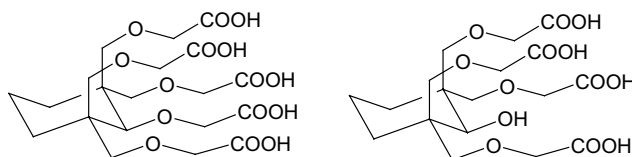
Junhua Wang and Thomas R. R. Pettus*



Synthesis of new polyoxapolycarboxylic ligands for lanthanide(III) ions complexation

pp 5901–5903

Silvio Aime, Camilla Cavallotti, Giancarlo Cravotto, Giovanni B. Giovenzana* and Giovanni Palmisano*

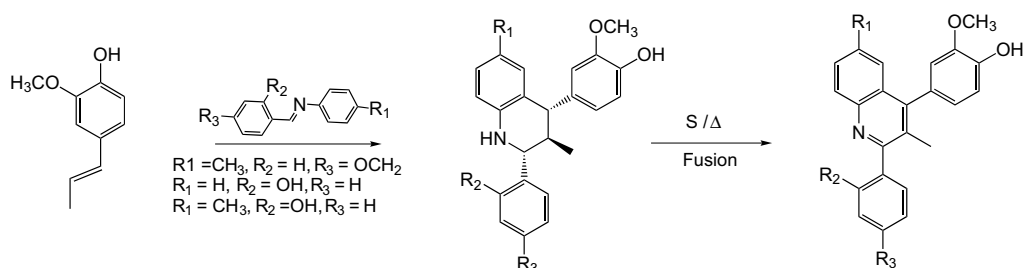


The synthesis of new polyoxapolycarboxylic ligands and the evaluation of their complexing ability towards lanthanide(III) ions is reported. The ligands, obtained in two-steps from easily available chemicals, show interesting complexing properties.

Synthèse de nouveaux dérivés tétrahydroquinoléines et quinoléines via la réaction d'aza-Diels–Alder suivie d'aromatisation

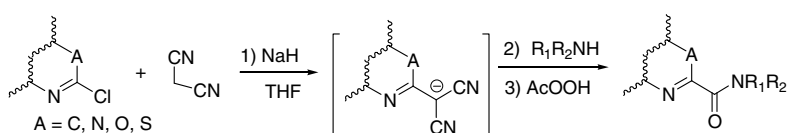
pp 5905–5908

Fouzia Fadel, Soumia Lafquih Titouani,* Mohamed Soufiaoui, Hafida Ajamay and Ahmed Mazzah

**Malononitrile as a carbonyl synthon: a one-pot preparation of heteroaryl amide via a S_NAr -oxidation–displacement strategy**

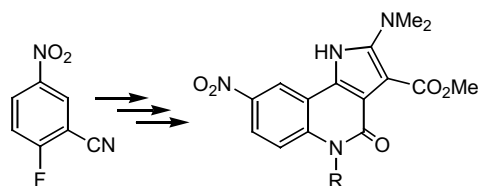
pp 5909–5911

Juliang Zhu, Henry Wong, Zhongxing Zhang, Zhiwei Yin, John F. Kadow, Nicholas A. Meanwell and Tao Wang*

**Concomitant ring contraction cyclization strategy for the synthesis of novel 4-oxo-4,5-dihydro-pyrroloquinolines**

pp 5913–5916

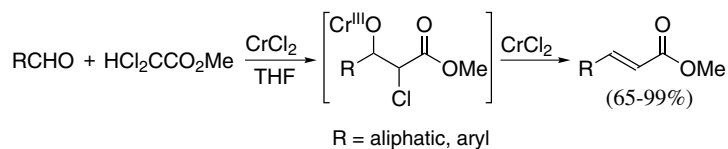
Gabriel Thia Manh, Hicham Bakkali, Lucie Maingot, Muriel Pipelier, Uday Joshi, Jean Paul Pradère, Stéphane Sabelle, Remy Tuloup and Didier Dubreuil*



A highly stereospecific synthesis of (*E*)- α,β -unsaturated esters

pp 5917–5920

Deb K. Barma, Asish Kundu, Anish Bandyopadhyay, Abhijit Kundu, Bhavani Sangras, Anne Briot, Charles Mioskowski* and J. R. Falck*

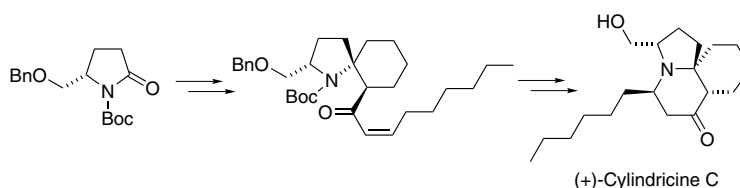


Olefination of aldehydes using methyl dichloroacetate and CrCl_2 generates (*E*)- α,β -unsaturated esters exclusively. Using limited CrCl_2 , the intermediate α -chloro- β -hydroxy adducts can be isolated in good yields.

Total synthesis of (+)-cylindricine C

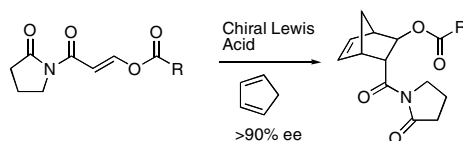
pp 5921–5924

Toshiharu Arai, Hideki Abe, Sakae Aoyagi and Chihiro Kibayashi*

**Enantioselective Diels–Alder reactions of 3-(acyloxy)acrylates**

pp 5925–5929

Mukund P. Sibi* and Hirofumi Matsunaga

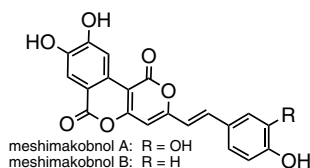


We have successfully carried out Diels–Alder reactions with 3-acyloxyacrylates using chiral Lewis acid catalysts. These reactions proceed with high enantioselectivity when a chiral Lewis acid derived from $\text{Cu}(\text{OTf})_2$ and a bisoxazoline is used. The facility of the reaction is dependent on the nature of the acyloxy group in the dienophile.

**Identification of novel substituted fused aromatic compounds, meshimakobnol A and B, from natural *Phellinus linteus* fruit body**

pp 5931–5933

Akito Nagatsu, Shizue Itoh, Rie Tanaka, Setsuko Kato, Mitsumasa Haruna, Keiichi Kishimoto, Hideki Hirayama, Yukihiko Goda, Hajime Mizukami and Yukio Ogihara*

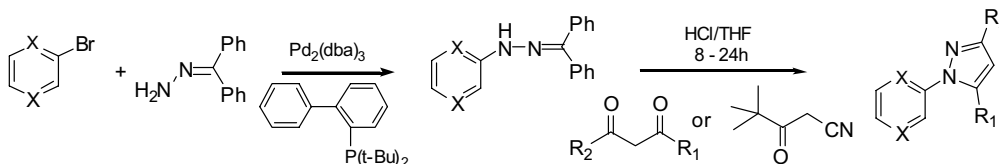


Novel 1*H*,6*H*-pyranyl[4,3-*c*][2]benzopyrane-1,6-diones, meshimakobnol A and B, were isolated from natural *Phellinus linteus* fruit body. The structure elucidation of these fused aromatic compounds was achieved by a spectroscopic method including the measurement of FG-HMBC with various delay times.

Application of the palladium-catalyzed N-arylation of hydrazones to deactivated heteroaryl halides in the synthesis of pyrazoles

pp 5935–5937

Nizar Haddad,* Annette Salvagno and Carl Busacca



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*Corresponding author

Supplementary data available via ScienceDirect

COVER

A total synthesis of (+)-cylindricine C has been carried out. Key steps include a spirocyclization via enamine formation and an intramolecular Michael addition to form the tricyclic core. Details can be found in *Tetrahedron Letters*, **2004**, *45*, 5921–5924.

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