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Publisher's Announcement—Tetrahedron Prize for Creativity in Organic Chemistry for 2004

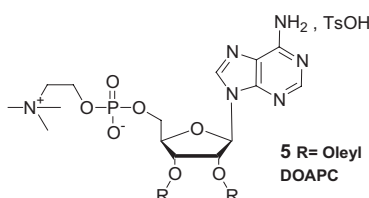
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COMMUNICATIONS

Vesicle formation from a synthetic adenosine based lipid

pp 1593–1596

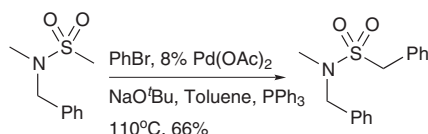
Louis Moreau, Mark W. Grinstaff and Philippe Barthélémy*



Palladium-catalysed arylation of sulfonamide stabilised enolates

pp 1597–1599

Jacob G. Zeevaart, Christopher J. Parkinson* and Charles B. de Koning

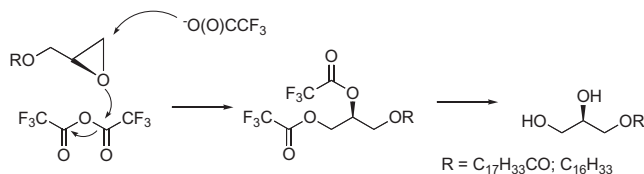


The scope of a new palladium catalysed arylation reaction of sulfonamide stabilised enolates is described.

Stereospecific and regioselective opening of an oxirane system. A new efficient entry to 1- or 3-monoacyl- and 1- or 3-monoalkyl-*sn*-glycerols

pp 1601–1605

Stephan D. Stamatov* and Jacek Stawinski*

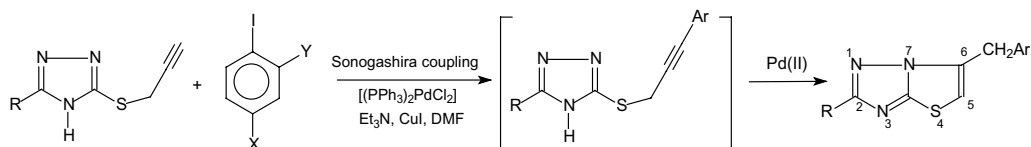


An efficient, one-pot synthesis of stereochemically pure 1(3)-acyl- and 1(3)-monoacyl-*sn*-glycerols has been developed.

Regioselective synthesis of 6-benzylthiazolo[3,2-*b*]1,2,4-triazoles during Sonogashira coupling

pp 1607–1610

Majid M. Heravi,* Ali Kivanloo, Mohammad Rahimzadeh, Mehdi Bakavoli, Mitra Ghassemzadeh and Bernhard Neumüller



The reaction of 3-mercaptopropargyl-1,2,4-triazoles with various iodobenzenes catalyzed by Pd–Cu leads to the regioselective formation of 6-benzylthiazolo[3,2-*b*]1,2,4-triazoles.

Transglutaminase surface recognition by peptidocalix[4]arene diversomers

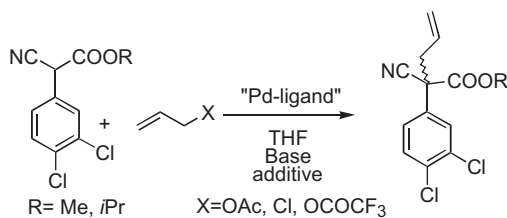
pp 1611–1615

Simona Francese, Anna Cozzolino, Ivana Caputo, Carla Esposito,* Marco Martino, Carmine Gaeta, Francesco Troisi and Placido Neri*

**Catalytic enantioselective allylation at the activated benzylic position of prochiral aryl cyano esters: access to quaternary stereogenic centers**

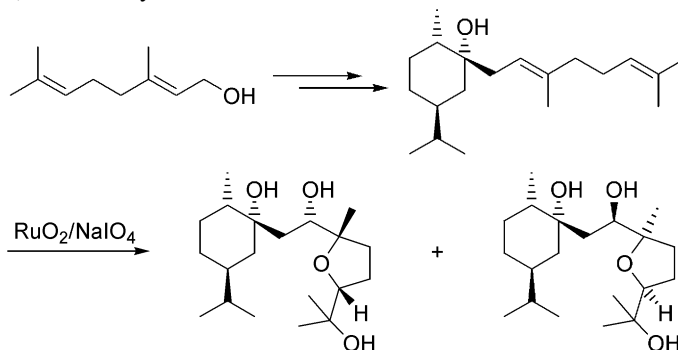
pp 1617–1621

Audrey Nowicki, André Mortreux and Francine Agbossou-Niedercorn*

**Oxidative cyclization of a *seco*-cladiellane diterpenoid**

pp 1623–1626

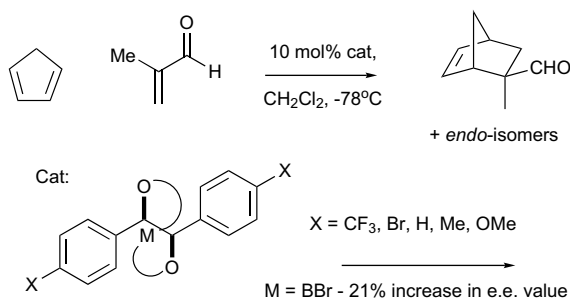
Manuel Friedel, Gregor Golz, Peter Mayer and Thomas Lindel*



The modulation of face–face π – π interactions in Lewis acid catalysis

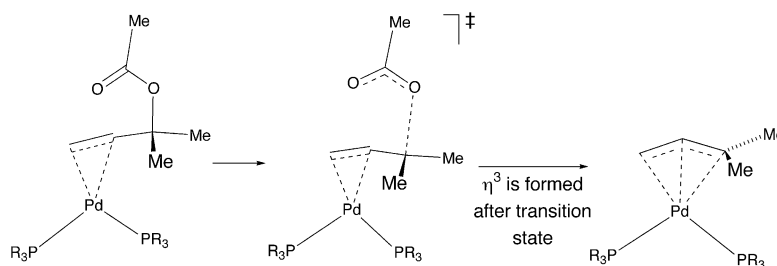
pp 1627–1629

Lisa D. Harris, Robert L. Jenkins and Nicholas C. O. Tomkinson*

**Isotope effects and the mechanism of palladium-catalyzed allylic alkylation**

pp 1631–1634

Daniel A. Singleton* and Chad F. Christian

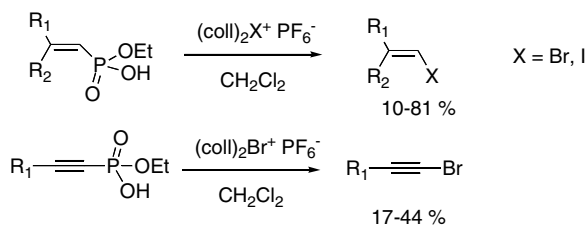


Isotope effects and theoretical calculations support a transition state resembling a S_N1 ionization rather than an intramolecular S_N2 substitution.

**Halodephosphorylation of α,β -unsaturated phosphonic acid monoesters**

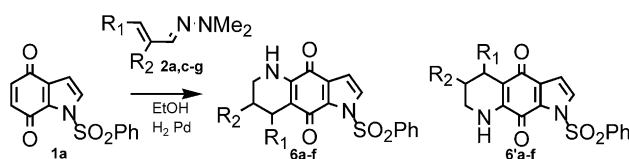
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Hind Lahrache, Sylvie Robin and Gérard Rousseau*

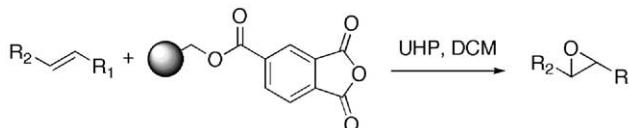
**First hetero-Diels–Alder reaction with indoloquinone in the presence of hydrogen and palladium**

pp 1639–1641

Jacques Gentili and Roland Barret*

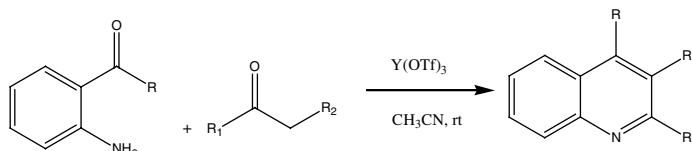


Alkene epoxidation with urea–hydrogen peroxide complex and PS–DVB supported phthalic anhydride pp 1643–1645
Chiara Ghiron, Lorenzo Nannetti and Maurizio Taddei*

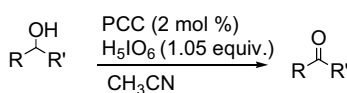


A mild and efficient one-step synthesis of quinolines
Surya K. De* and Richard A. Gibbs

pp 1647–1649

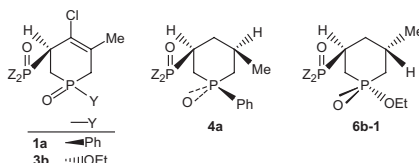


Pyridinium chlorochromate catalyzed oxidation of alcohols to aldehydes and ketones with periodic acid pp 1651–1653
Mo Hunsen



1,2,3,4,5,6-Hexahydrophosphinine 1-oxides with an exocyclic P-function at position 3: diastereoselective synthesis, stereostructure and conformation pp 1655–1658

György Keglevich,* Melinda Sipos, Tamás Körtvélyesi, Tímea Imre and László Tőke

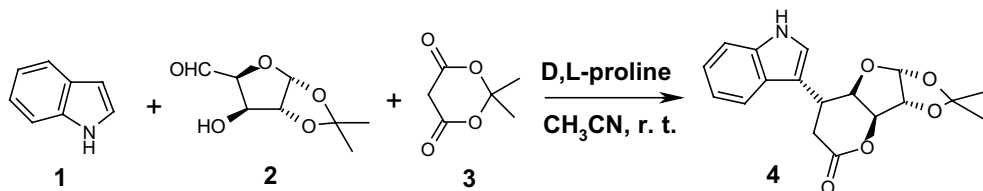


Catalytic hydrogenation of 3-substituted 1,2-dihydrophosphinine oxides (e.g., **1a** and **3b**) gave the title compounds as exclusive or major diastereomers (e.g., **4a** and **6b-1**, respectively).

A D,L-proline catalyzed diastereoselective trimolecular condensation: an approach to the one-pot synthesis of perhydrofuro[3,2-b]pyran-5-ones

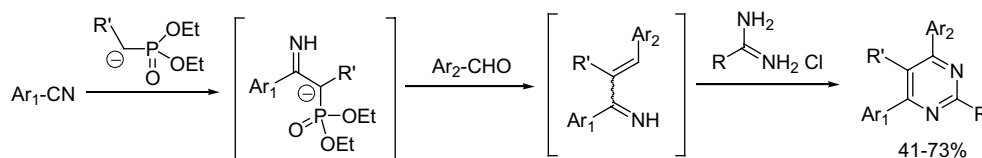
pp 1659–1661

Gowravaram Sabitha,* M. Raj Kumar, M. Shashi Kumar Reddy, J. S. Yadav, K. V. S. Rama Krishna and A. C. Kunwar

**One-pot synthesis of polysubstituted pyrimidines**

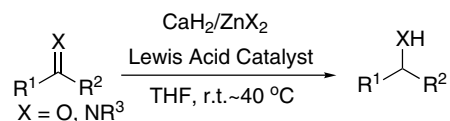
pp 1663–1665

Alexander S. Kiselyov

**Use of CaH₂ as a reductive hydride source: reduction of ketones and imines with CaH₂/ZnX₂ in the presence of a Lewis acid**

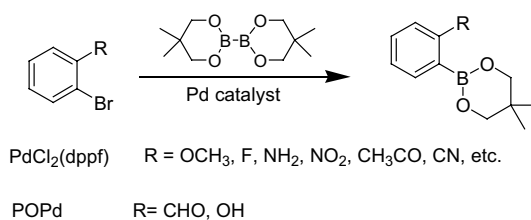
pp 1667–1669

Toshio Aida, Norikatsu Kuboki, Kenji Kato, Wataru Uchikawa, Chikashi Matsuno and Sentaro Okamoto*

A reagent combination of CaH₂/ZnX₂ effectively reduced ketones and imines in the presence of a Lewis acid.**An efficient synthesis of sterically hindered arylboronic acids**

pp 1671–1674

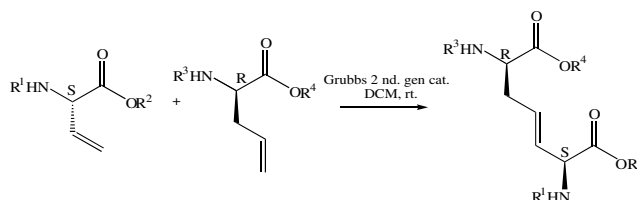
Hao Fang, Gurpreet Kaur, Jun Yan and Binghe Wang*



The synthesis of diaminopimelic acid containing peptidoglycan fragments using metathesis cross coupling

pp 1675–1678

Abhijit Roy Chowdhury and Geert-Jan Boons*

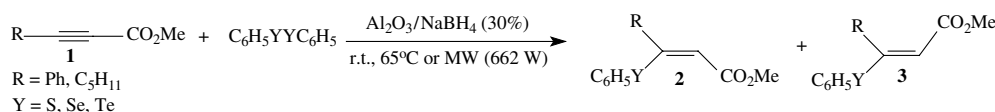


Properly protected diaminopimelic acid (DAP), a component of Gram-negative peptidoglycan was prepared by a metathesis cross coupling using Grubb's second-generation catalyst.

The first synthesis of β -phenylchalcogeno- α,β -unsaturated esters via hydrochalcogenation of acetylenes using microwave and solvent-free conditions

pp 1679–1682

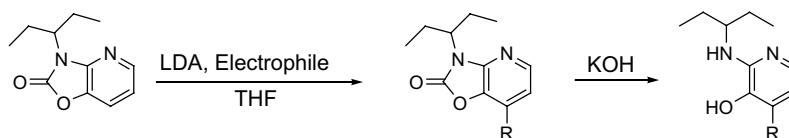
Gelson Perin,* Raquel G. Jacob, Francisco de Azambuja, Giancarlo V. Botteselle, Geonir M. Siqueira, Rogério A. Freitag and Eder J. Lenardão*



Synthesis of 2-amino-3-hydroxy-4-substituted pyridines via regioselective metalation of 3-(1-ethylpropyl)-[1,3]oxazolo[4,5-*b*]pyridin-2(3*H*)-one and application to corticotropin releasing factor₁ receptor ligands

pp 1683–1686

Richard A. Hartz,* Kausik K. Nanda and Charles L. Ingalls

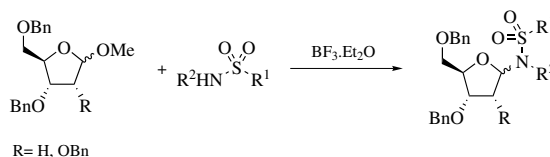


An efficient route to the preparation of 2-amino-3-hydroxy-4-substituted pyridines via regioselective metalation and subsequent alkylation of the [1,3]oxazolo[4,5-*b*]pyridin-2(3*H*)-one ring system is described.

Sulfonamidoglycosylation of methyl ribofuranosides: a novel approach to furanosylsulfonamides

pp 1687–1689

Pedro A. Colinas* and Rodolfo D. Bravo

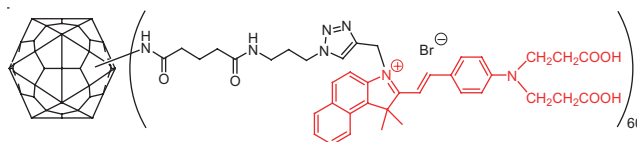


The sulfonamidoglycosylation of benzylated methyl ribofuranosides using boron trifluoride etherate as catalyst, proceeded effectively to give the new sulfonamidofuranosides with good to high yields.

Synthesis of hemicyanine dyes for ‘click’ bioconjugation

pp 1691–1695

Wen-hai Zhan, Hannah N. Barnhill, Krishnamoorthy Sivakumar, He Tian* and Qian Wang*

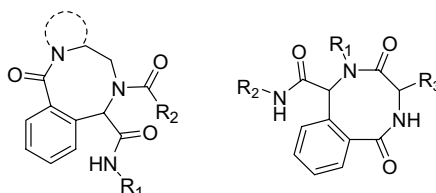


virus-cyanine dyes click conjugates

A post-Ugi carbonylation/intramolecular amidation approach toward the synthesis of macrolactams

pp 1697–1701

Anil Vasudevan* and Mary K. Verzal

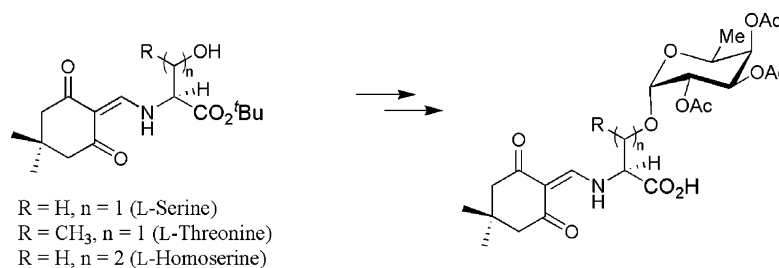


An Ugi-deprotection–carbonylation/intramolecular amidation approach toward the synthesis of novel bicyclic and tricyclic macrolactams is described.

***N*^α-Dmc protected amino acid aglycones: versatile hydrogenolysis stable acceptors for *O*-glycosylation**

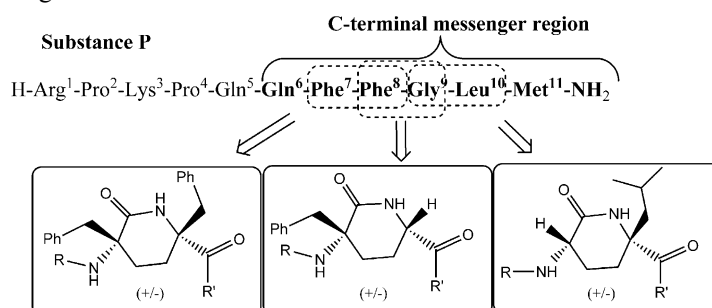
pp 1703–1706

Barrie Kellam,* Paul A. Ward, Aisyah S. Abdul Rahim and Siri Ram Chhabra

**Synthesis of sidechain adapted β-turn mimics for modifying the C-terminus of substance P**

pp 1707–1710

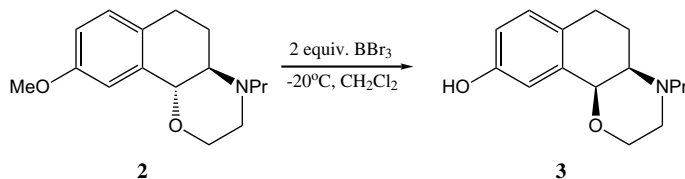
Vijaykumar G. Pawar, Wim M. De Borggraeve,* Veronique Maes, Dirk A. Tourwé, Frans Compennolle and Georges J. Hoornaert*



A novel and efficient method for the conversion of a *trans*-hexahydronaphthoxazine to a *cis*-isomer using boron tribromide

pp 1711–1712

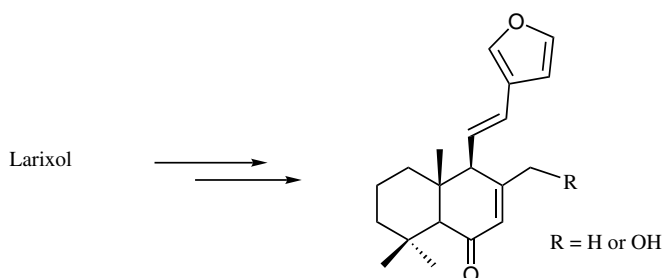
Francis A. J. Kerdesky



Synthesis of hedychenone, yunnancoronarins and aframodial derivatives

pp 1713–1716

Jamila Aslaoui, Haibing Li and Christophe Morin*

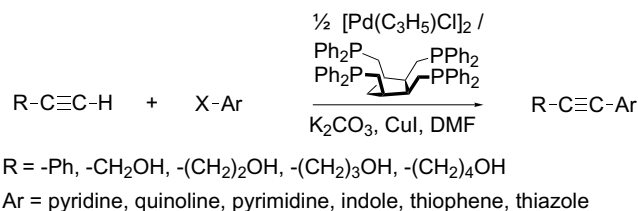


Hedychenone (R = H) is obtained in seven steps (>20% overall).

Sonogashira cross-coupling reactions with heteroaryl halides in the presence of a tetraphosphine–palladium catalyst

pp 1717–1720

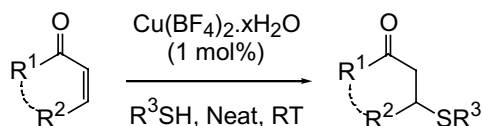
Marie Feuerstein, Henri Doucet* and Maurice Santelli*



Copper(II) tetrafluoroborate as a novel and highly efficient catalyst for Michael addition of mercaptans to α,β -unsaturated carbonyl compounds

pp 1721–1724

Sanjeev K. Garg, Raj Kumar and Asit K. Chakraborti*

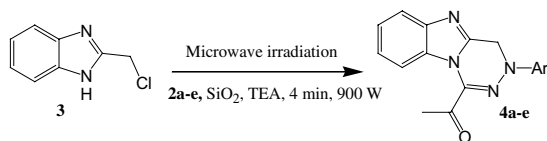


Cu(BF₄)₂·xH₂O efficiently catalyses this Michael addition of thiols to α,β -unsaturated carbonyl compounds.

Microwave-assisted synthesis of 1-aryl-3-acetyl-1,4,5,6-tetrahydrobenzimidazo[1,2-*d*][1,2,4]triazine: first example of a novel ring system

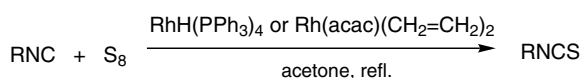
pp 1725–1726

Raid J. Abdel-Jalil,* Wolfgang Voelter and Raphael Stoll

**Rhodium-catalyzed synthesis of isothiocyanate from isonitrile and sulfur**

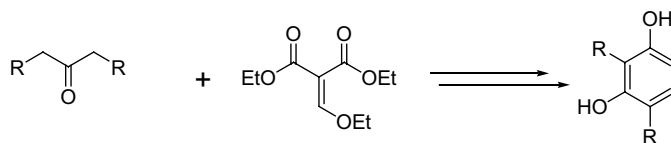
pp 1727–1729

Mieko Arisawa, Masanori Ashikawa, Atsushi Suwa and Masahiko Yamaguchi*

**A regioselective synthesis of 2,4-dialkyl resorcinols**

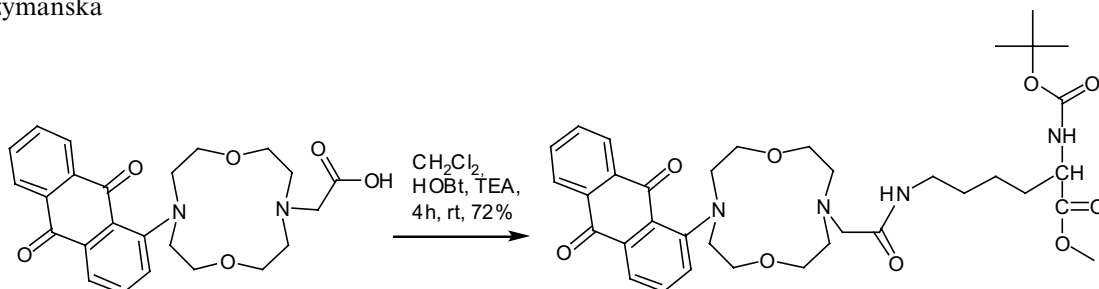
pp 1731–1734

Scott S. Ceglia,* Michael H. Kress, Todd D. Nelson and James M. McNamara

**Synthesis of lysine derivatives containing aza-crown ethers and a chromophore unit**

pp 1735–1738

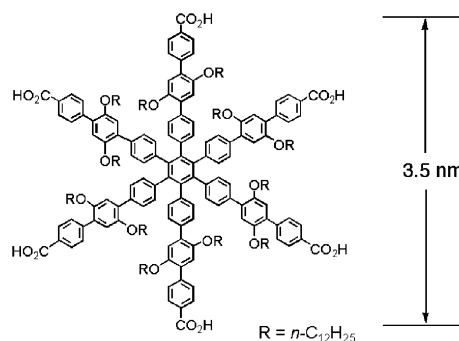
T. Ossowski,* D. Zarzeczńska, L. Zalewski, P. Niedziałkowski, R. Majewski and A. Szymańska



Synthesis of an extended hexagonal molecule as a highly symmetrical ligand

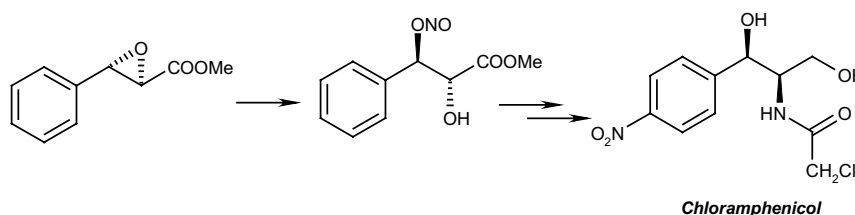
pp 1739–1742

Masayoshi Takase, Atsushi Nakajima and Toshifumi Takeuchi*

**A short asymmetric total synthesis of chloramphenicol using a selectively protected 1,2-diol**

pp 1743–1746

Joshodeep Boruwa, Jagat C. Borah, Siddhartha Gogoi and Nabin C. Barua*

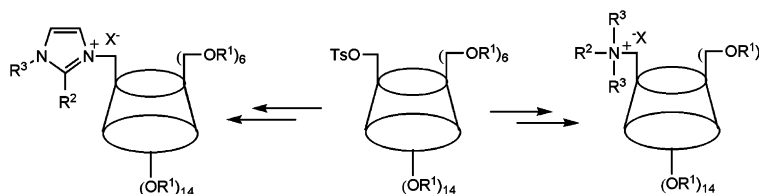


Chloramphenicol has been prepared in 45% overall yield; the key step is the synthesis of a selectively protected 1,2-diol from an epoxide in an aqueous medium.

Synthesis of ammonium substituted β -cyclodextrins for enantioseparation of anionic analytes

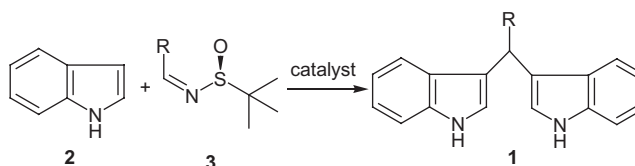
pp 1747–1749

I. Wayan Muderawan, Teng-Teng Ong, Wei-hua Tang, David J. Young,* Chi-Bun Ching and Siu-Choon Ng*

**Preparation of bisindolylalkanes from *N*-tert-butanefulfinyl aldimines**

pp 1751–1753

Bowen Ke, Yong Qin,* Qinfei He, Zhiyan Huang and Fengpeng Wang*

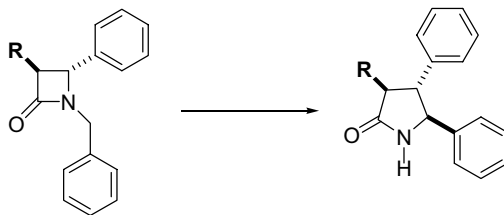


A series of bisindolylalkanes were synthesized by nucleophilic addition reactions of indole with *N*-tert-butanefulfinyl aldimines in good to excellent yields catalyzed by either iodine, potassium hydrogen sulfate and amberlyst.

The stereoselective synthesis of γ -lactam derivatives through N(1)–C(4) one carbon ring expansion of β -lactam derivatives

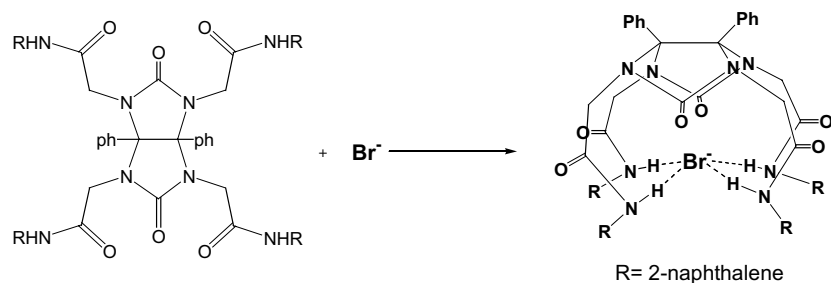
pp 1755–1757

Ju-Hee Park, Jin-Ryul Ha, Sun-Joo Oh, Ji-A Kim, Dong-Soo Shin, Tae-Jin Won, Yu-Fai Lam and Chuljin Ahn*

**Bromide selective fluorescent anion receptor with glycoluril molecular scaffold**

pp 1759–1762

Jongmin Kang* and Jihae Kim

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Instructions to contributors

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*Corresponding author

i+ Supplementary data available via ScienceDirect

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