

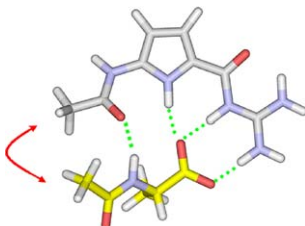
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Publisher's Announcement—New European Regional Editor for *Bioorganic & Medicinal Chemistry Letters* p 7099

COMMUNICATIONS

New guanidinium-based carboxylate receptors derived from 5-amino-pyrrole-2-carboxylate: synthesis and first binding studies pp 7101–7105

Carsten Schmuck* and Jürgen Dudaczek

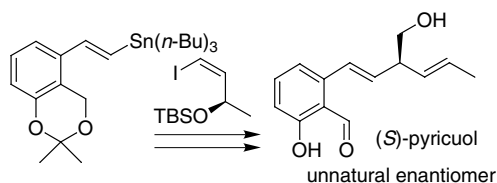


The synthesis and binding properties of a new class of amino pyrrole based receptors **2** for carboxylates are described. The reversal of the direction of the amide group changes both substrate selectivity and binding affinity relative to known guanidiniocarbonyl pyrrole receptors of type **1** derived from pyrrole-2,5-dicarboxylates.



Synthesis to determine the absolute configuration of (–)-pyricuol, a phytotoxin isolated from rice blast disease fungus *Magnaporthe grisea* pp 7107–7109

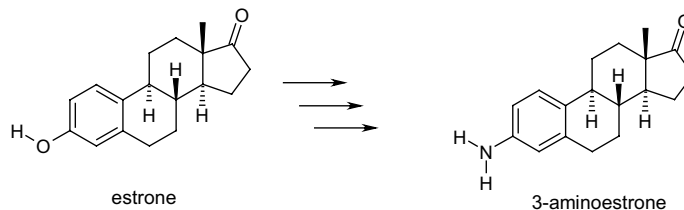
Yoko Nakamura, Hiromasa Kiyota,* Rumi Ueda and Shigefumi Kuwahara



The absolute configuration of (–)-pyricuol, a phytotoxin isolated from rice blast disease fungus *Magnaporthe grisea*, was determined to be *R* by synthetic studies.

An improved synthesis of 3-aminoestrone pp 7111–7115

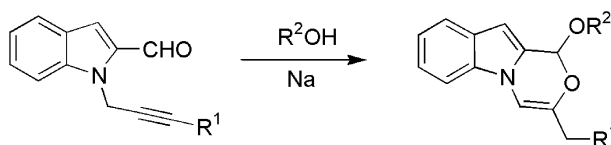
Uwe Schön,* Josef Messinger, Monika Buchholz, Uwe Reinecker, Hubert Thole, Manoj K. S. Prabhu and Ashok Konda



Domino addition/annulation of δ -alkynylaldehydes and oxygen nucleophiles: a new entry to [1,4]oxazino[4,3-*a*]indoles

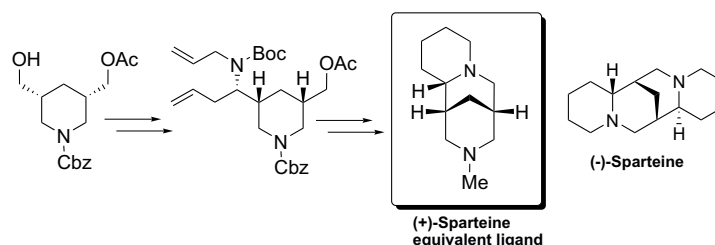
pp 7117–7120

Giorgio Abbiati,* Valentina Canevari, Solange Caimi and Elisabetta Rossi

 $R^1 = \text{H, aryl}$ $R^2 = \text{alkyl, benzyl, allyl, propargyl}$ **Chiral diamines for asymmetric synthesis: an efficient RCM construction of the ligand core of (–)- and (+)-sparteine**

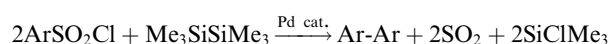
pp 7121–7123

Bruno Danieli, Giordano Lesma,* Daniele Passarella, Alessandro Sacchetti and Alessandra Silvani

**Pd-catalyzed desulfonylative homocoupling of arenesulfonyl chlorides in the presence of hexamethyldisilane forming biaryls**

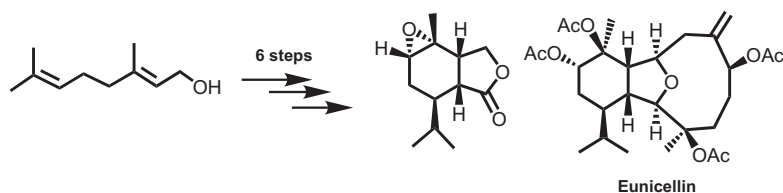
pp 7125–7128

Taigo Kashiwabara and Masato Tanaka*

Arenesulfonyl chlorides react with hexamethyldisilane in the presence of $\text{Pd}_2(\text{dba})_3 \cdot \text{CHCl}_3$ to afford biaryls.**Bifurcate, tandem ATRC reactions: towards 2-oxabicyclo[4.3.0]nonane core of eunicellins**

pp 7129–7134

Madeleine Helliwell, David Fengas, Christopher K. Knight, Jeremy Parker, Peter Quayle,* James Raftery and Stuart N. Richards

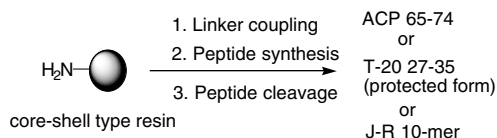


A tandem ATRC reaction has been applied to the synthesis of 2-oxabicyclo[4.3.0]nonane core of eunicellin.

Application of AM SURE™ resin to solid-phase peptide synthesis

pp 7135–7138

Tae-Kyung Lee, Sang-Myung Lee, Sun-Jong Ryoo, Jang-Woong Byun and Yoon-Sik Lee*

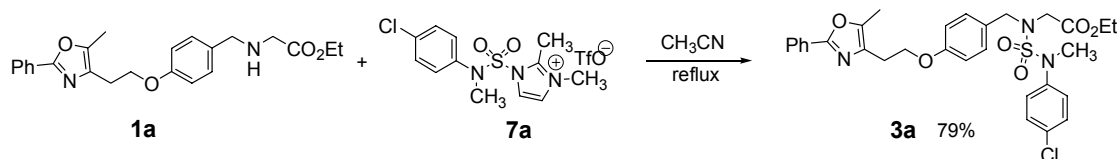


A core-shell type resin, AM SURE™, in which most amino groups were located at a skin layer, gave better synthetic efficiency, compared to a noncore-shell type resin, in the synthesis of the fragment 65–74 of acyl carrier protein, the fragment 27–35 of a HIV fusion inhibitor (T-20) and the Jung–Redemann 10-mer.

**Efficient synthesis of arylsulfamides by reaction of amines with arylsulfamoyl imidazolium triflate**

pp 7139–7142

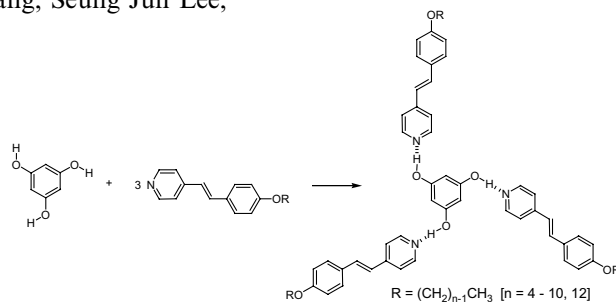
Hyeon Kyu Lee,* Miyeon Bang and Chwang Siek Pak

**Self-assembled discotic liquid crystals formed by hydrogen bonding of alkoxy stilbazoles**

pp 7143–7146

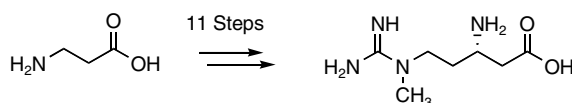
Jun Hyup Lee, Man-Jae Han, Sook Hee Hwang, Ihwa Jang, Seung Jun Lee, Seung Hoo Yoo, Jae Young Jho* and Soo-Young Park

Discotic liquid crystals were prepared simply through hydrogen bonding between a non-mesogenic phloroglucinol and alkoxy stilbazoles, and their self-assembly behavior was investigated.

**A highly efficient, asymmetric synthesis of blastidic acid: the β-amino acid component of the antibiotic, (+)-blastidicin S**

pp 7147–7149

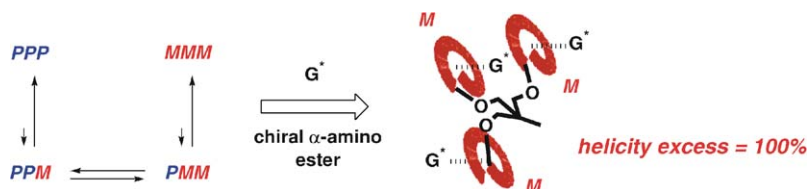
Roland Bischoff, Niall McDonald and Andrew Sutherland*



Synchronous helicity control in zinc bilinone trimer

pp 7151–7154

Katsushi Hamakubo, Shigeyuki Yagi,* Hiroyuki Nakazumi, Tadashi Mizutani and Susumu Kitagawa

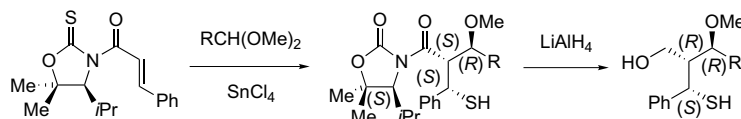


Tuning the peripheral alkyl groups, synchronous homohelicity induction in a zinc bilinone (ZnBL) trimer with a tripodal spacer was achieved upon complexation of a chiral α -amino ester to each ZnBL subunit.

**Synthesis of 3-sulfanylpropanols containing three consecutive stereocenters via tandem Michael–aldol reaction of enoylthioamides with acetals as key reaction**

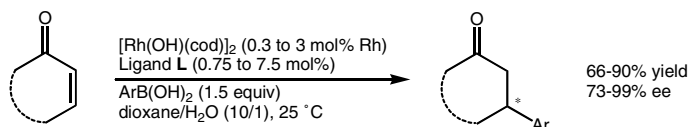
pp 7155–7158

Hironori Kinoshita, Natsuko Takahashi, Tatsunori Iwamura, Shin-ichi Watanabe, Tadashi Kataoka,* Osamu Muraoka and Genzoh Tanabe

**Highly enantioselective rhodium-catalyzed conjugate addition of arylboronic acids to enones at room temperature**

pp 7159–7163

Sébastien L. X. Martina, Adriaan J. Minnaard,* Bart Hessen* and Ben L. Feringa*

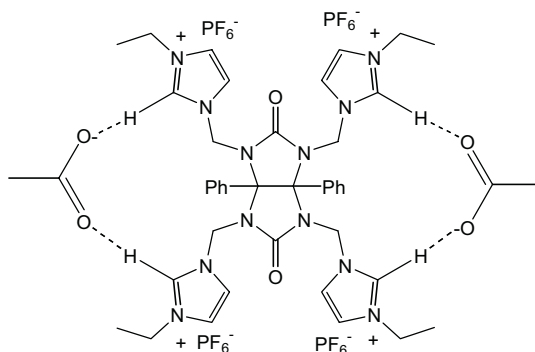


The rhodium–phosphoramidite-catalyzed asymmetric conjugate addition of arylboronic acids to enones proceeds at room temperature using $[Rh(OH)(cod)]_2$ or $[RhCl(cod)]_2/KOH$ as stable and readily available catalyst precursors.

Anion receptor with four imidazolium rings on the glycoluril

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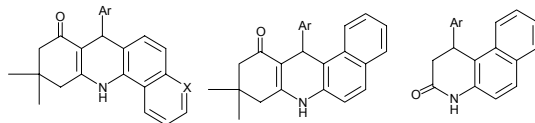
Sungjae In and Jongmin Kang*



A simple and clean procedure for the synthesis of polyhydroacridine and quinoline derivatives: reaction of Schiff base with 1,3-dicarbonyl compounds in aqueous medium

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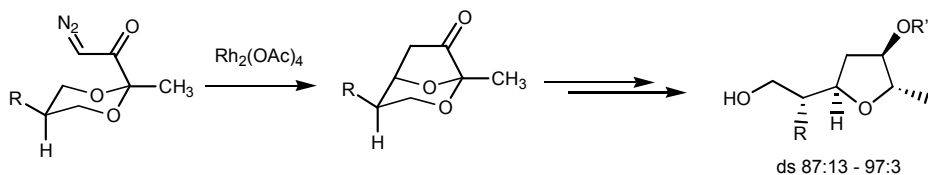
Xiang-Shan Wang,* Mei-Mei Zhang, Zhao-Sen Zeng, Da-Qing Shi, Shu-Jiang Tu, Xian-Yong Wei and Zhi-Min Zong



A tandem C–H insertion—acetal cleavage sequence: stereocontrolled synthesis of substituted tetrahydrofurans

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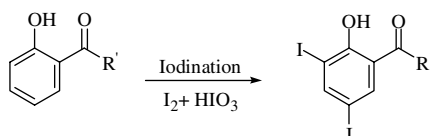
Amel Garbi, John G. Mina, Patrick G. Steel,* Tim Longstaff and Sadie Vile



Iodine and iodic acid: an efficient reagent combination for iodination of aryl hydroxy ketones

pp 7179–7181

Bhagwan R. Patil, Sudhakar R. Bhusare,* Rajendra P. Pawar and Yeshwant B. Vibhute*

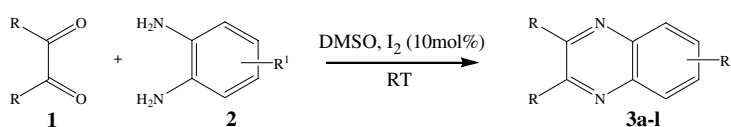


A variety of *ortho*-hydroxy substituted aromatic carbonyl compounds were regioselectively iodinated with iodine and iodic acid in excellent yields.

An efficient protocol for the synthesis of quinoxaline derivatives at room temperature using molecular iodine as the catalyst

pp 7183–7186

Rajesh S. Bhosale, Swapnil R. Sarda, Suresh S. Ardhapure, Wamanrao N. Jadhav, Sudhakar R. Bhusare and Rajendra P. Pawar*

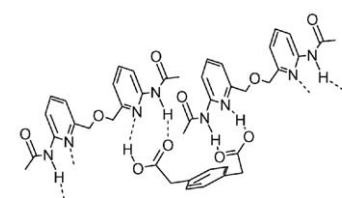


The use of molecular iodine as the catalyst for a one-pot synthesis of quinoxaline derivatives at room temperature is reported.

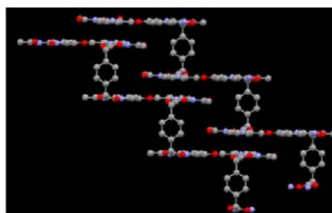
Dynamic molecular recognition in the generation of a new crystal-engineering motif: a unique case study of a dicarboxylic acid with a ditopic receptor favouring a polymeric over a dimeric hydrogen-bonded supramolecular complex

pp 7187–7191

Shyamaprosad Goswami,* Swapan Dey, Hoong-Kun Fun, Shazia Anjum and Atta-ur-Rahman



Unique *syn-syn* polymeric 1:1 co-crystal structure

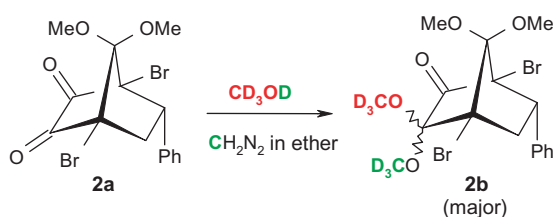


Stair like X-ray structure of the complex of receptor 1 with 1,4- phenylenediacetic acid

A new reaction of diazomethane with norbornyl α -diketones

pp 7193–7196

Faiz Ahmed Khan,* Rashmirekha Satapathy, Ch. Sudheer and Ch. Nageswara Rao

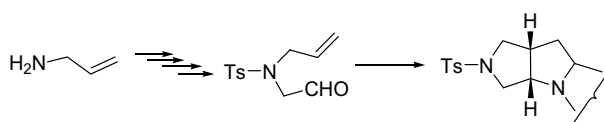


Reaction of diazomethane with norbornyl α -diketones in MeOH furnished ketals regioselectively.

A novel entry into 1-methyl- and 1-aryl-octahydropyrrolo[3,4-*b*]pyrroles and their N-1–C-2 fused derivatives: stereoselective synthesis via an intramolecular azomethine ylide cycloaddition reaction

pp 7197–7200

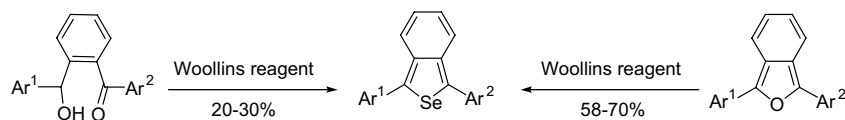
Mahalingam Poornachandran and Raghavachary Raghunathan*



Synthesis of 1,3-diarylbenzo[*c*]selenophenes

pp 7201–7204

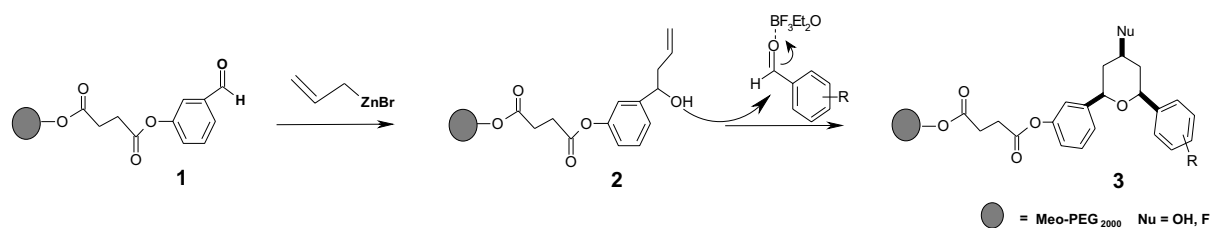
Arasambattu K. Mohanakrishnan* and P. Amaladass



Barbier allylation–Prins reaction of PEG-bound aldehydes—soluble polymer-supported synthesis of 2,4,6-trisubstituted tetrahydropyrans

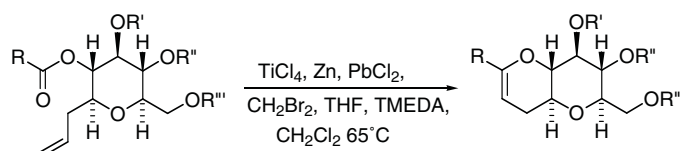
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H. M. Sampath Kumar,* Naveed Ahmed Qazi, Syed Shafi, V. Naveen Kumar, A. D. Krishna and J. S. Yadav

**Olefinic-ester cyclizations using Takai–Utimoto reduced titanium alkylidenes**

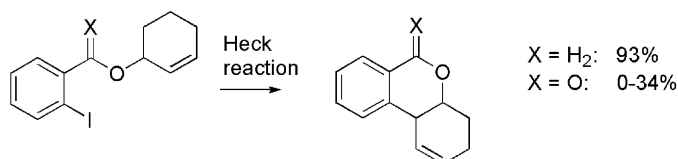
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Utpal Majumder and Jon D. Rainier*

**Effect of ether versus ester tethering on Heck cyclizations**

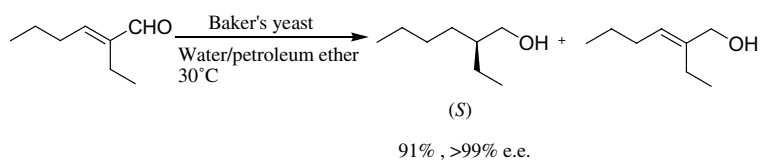
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Steven R. Woodcock and Bruce P. Branchaud*

**A convenient approach to (*S*)-2-ethylhexan-1-ol mediated by baker's yeast**

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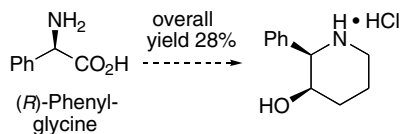
Yikang Huang, Fanglin Zhang and Yuefa Gong*



A stereoselective route to *cis*-2-phenyl-3-piperidinol

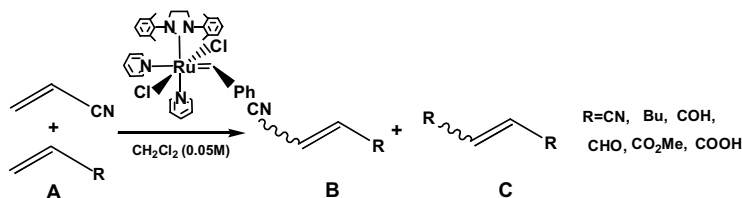
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Ningning Liang, Pusuluri Srinivas and Apurba Datta*

**Highly active phosphine-free carbene ruthenium catalyst for cross-metathesis of acrylonitrile with functionalized olefins**

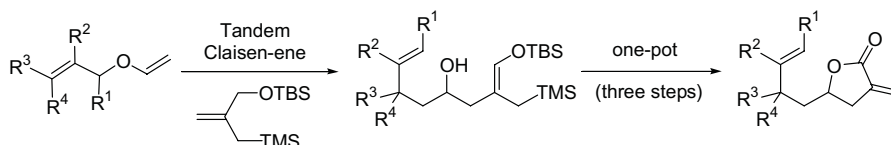
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Chen-Xi Bai, Wen-Zhen Zhang, Ren He,* Xiao-Bing Lu and Zhi-Qiang Zhang

**Efficient assembly of α -methylene- γ -butyrolactones via a novel, tandem Claisen–ene rearrangement**

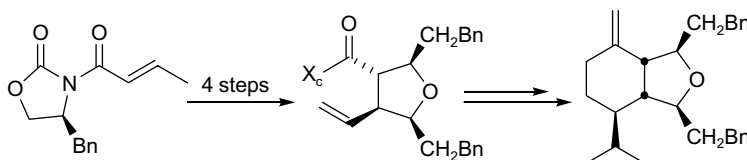
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Cédric Leclercq and István E. Markó*

**Stereoselective synthesis of the octahydroisobenzofuran skeleton of the eunicellins**

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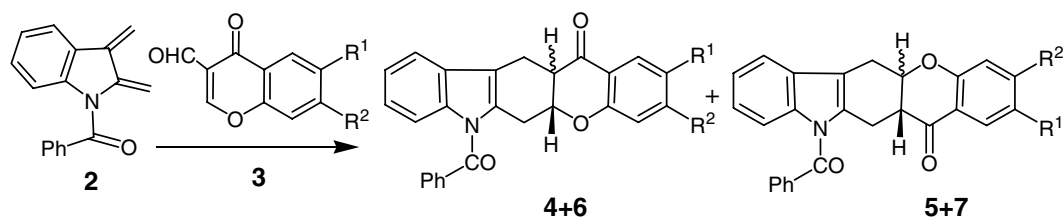
Tito Akindele, Stephen P. Marsden* and John G. Cumming



Chromone-3-carboxaldehydes in Diels–Alder reactions with indole-*o*-quinodimethane.
Synthesis of tetrahydrochromeno[2,3-*b*]carbazoles

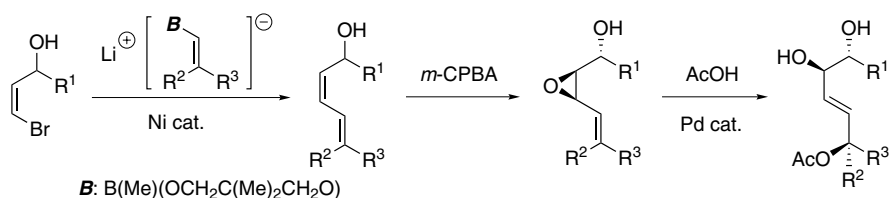
pp 7239–7242

M. Terzidis, C. A. Tsoleridis and J. Stephanidou-Stephanatou*


Stereoselective transformation of easily available (2*Z*,4*E*)-2,4-alkadien-1-ols into (E)-3-alkene-1,2,5-triol derivatives

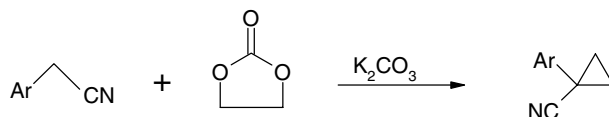
pp 7243–7246

Shinya Yoshida, Moriteru Asano and Yuichi Kobayashi*


Efficient cyclopropanation of active methylene compounds. A serendipitous discovery

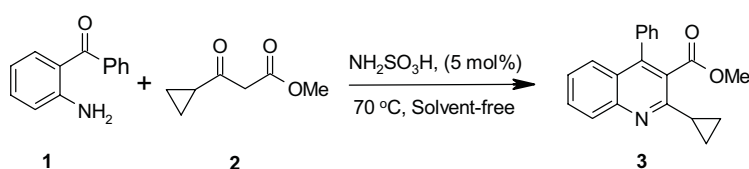
pp 7247–7248

Veera Reddy Arava,* Udaya Bhaskara Rao Siripalli and Pramod Kumar Dubey


Sulfamic acid: an efficient, cost-effective and recyclable solid acid catalyst for the Friedlander quinoline synthesis

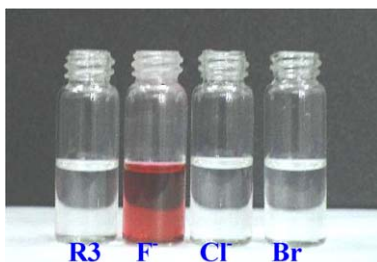
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J. S. Yadav,* P. Purushothama Rao, D. Sreenu, R. Srinivasa Rao, V. Naveen Kumar, K. Nagaiah and A. R. Prasad



Amide-nitrophenyl based colorimetric receptors for selective sensing of fluoride ions

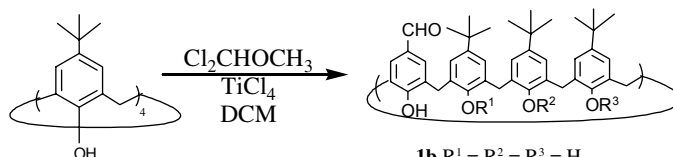
pp 7255–7258

Duraismy Saravanakumar, Nallathambi Sengottuvelan, Muthusamy Kandaswamy,*
Paduthapillai Gopal Aravindan and Devadoss Velmurugan**Regioselective *ipso* formylation of *p*-*tert*-butylcalix[4]arene**

pp 7259–7262

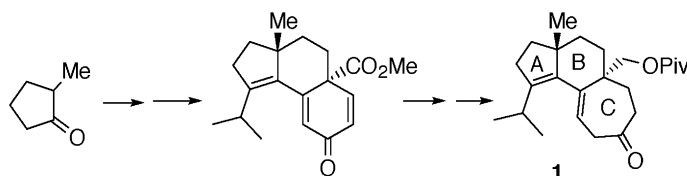
H. M. Chawla,* N. Pant* and Bindu Srivastava

A convenient procedure for the direct introduction of one formyl group into *p*-*tert*-butylcalix[4]arenes through *ipso* substitution is described.

**1b** R¹ = R² = R³ = H**2b** R² = CH₃; R¹ = R³ = H**3b** R² = n-C₄H₉; R¹ = R³ = H**4b** R² = H; R¹ = R³ = CH₃**5b** R² = H; R¹ = R³ = n-C₃H₇**6b** R² = H; R¹ = R³ = n-C₄H₉**Asymmetric synthesis of the tricyclic core of cyathin diterpenoids via intramolecular Heck reaction**

pp 7263–7266

Emmanuelle Drège, Georges Morgant and Didier Desmaële*

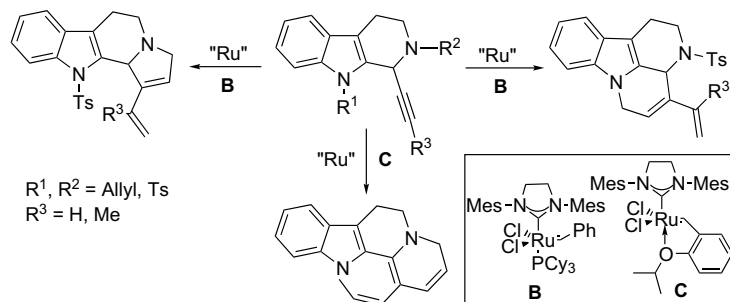


The tricyclic ketone **1**, which displays the ring system of cyathin diterpenes was assembled from 2-methylcyclopentanone through a sequence involving enantioselective Michael addition, intramolecular Heck reaction and trimethylaluminum-promoted one-carbonyl ring expansion of the C-ring with trimethylsilyldiazomethane.

Enyne and diene metathesis reactions in β -carboline

pp 7267–7270

Álvaro González-Gómez, Gema Domínguez and Javier Pérez Castells*



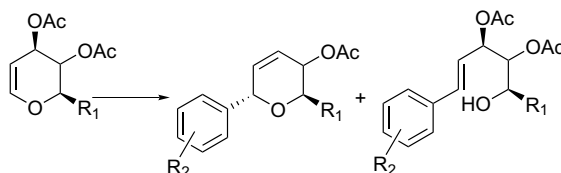
Enyne metathesis and cascade metathesis give polycyclic β -carboline derivatives.



Avoiding pyran ring opening during palladium acetate catalyzed C-glycosidation of peracetylated glycals

pp 7271–7274

Natalia de la Figuera,* Pilar Forns, Joan-Carles Fernàndez, Sandra Fiol,
Dolors Fernández-Fórner and Fernando Albericio

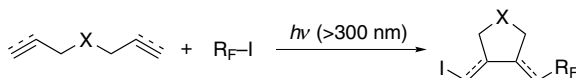


Palladium acetate catalyzed C-glycosidation of peracetylated glycals with arylboronic acids in acetonitrile yields the desired 1-substituted 2,3-unsaturated glycal as well as a byproduct corresponding to the ring-opened pyran, present in varying proportions depending on the reaction conditions used. The byproduct is not formed when toluene/EtOH is used as reaction solvent.

A facile photoinduced iodoperfluoroalkylation of dienes, diynes, and enynes with perfluoroalkyl iodides via selective radical cyclization

pp 7275–7278

Kaname Tsuchii, Yukihiro Ueta, Nagisa Kamada, Yoshiyuki Einaga, Akihiro Nomoto
and Akiya Ogawa*

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*Corresponding author

Supplementary data available via ScienceDirect



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