

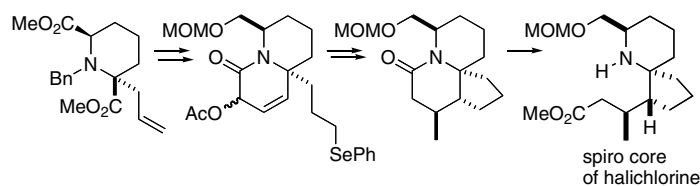
Contents

COMMUNICATIONS

Synthesis of the substituted spiro segment of halichlorine—use of radical cyclization and stereospecific cuprate addition to an α,β -unsaturated lactam

pp 2879–2881

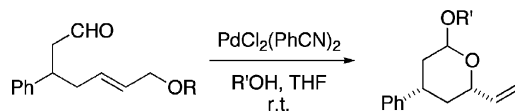
Maolin Yu, Derrick L. J. Clive,* Vince S. C. Yeh, Shunzhen Kang and Jian Wang



Stereoselective cyclization using palladium(II) catalyst via hemiacetal intermediates

pp 2883–2886

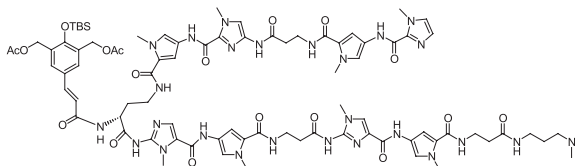
Masahiro Miyazawa, Yukari Hirose, Magsarjav Narantsetseg, Hajime Yokoyama, Seiji Yamaguchi and Yoshiro Hirai*



Synthesis of a hairpin pyrrole–imidazole polyamide conjugate containing a quinone methide precursor and vinyl linking group

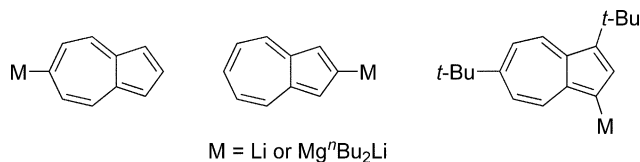
pp 2887–2889

Dalip Kumar and Steven E. Rokita*



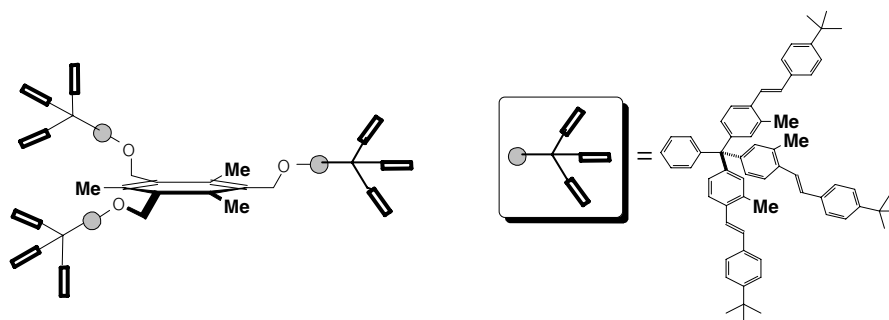
Preparation of azulenyllithium and magnesium reagents utilizing halogen–metal exchange reaction of several iodoazulenes with organolithium or magnesium ate complex pp 2891–2894

Shunji Ito,* Takahiro Kubo, Noboru Morita, Yoshitaka Matsui, Toshiyuki Watanabe, Akira Ohta, Kunihide Fujimori,* Toshihiro Murafuji, Yoshikazu Sugihara* and Akio Tajiri



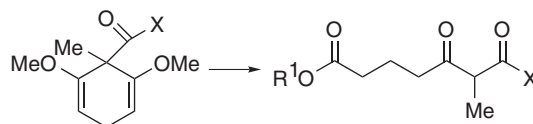
A stilbene dendrimer with caltrop-shaped dendrons: synthesis and photophysical studies pp 2895–2898

Saumitra Sengupta* and Sanjukta Muhuri



A convenient synthesis of 2-methyl-3-oxoheptane-1,7-dicarboxylic esters and amides pp 2899–2901

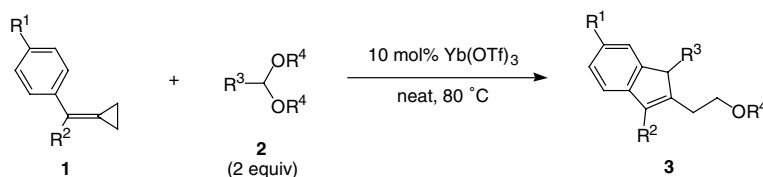
Mark C. Elliott,* Matthew J. Gist, Falmai Binns and Richard G. Jones



Birch reduction followed by solvolysis provides two or three step access to the title compounds.

Synthesis of indenes by ytterbium-catalyzed carboalkoxylation/Friedel–Crafts reaction of arylidenecyclopropanes with acetals pp 2903–2906

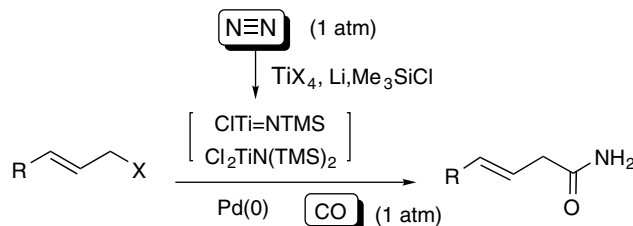
Itaru Nakamura, Michiru Kamada and Yoshinori Yamamoto*



Synthesis of allylamides from allyl halides, carbon monoxide, and titanium–nitrogen complexes prepared from molecular nitrogen

pp 2907–2910

Kazutaka Ueda and Miwako Mori*



4-Aryl-but-3-enamides could be synthesized from corresponding allyl halides, carbon monoxide (1 atm), and titanium–nitrogen complexes, prepared from $\text{Ti}(\text{O}^i\text{Pr})_4$, Li, TMSCl, and molecular nitrogen (1 atm), using a palladium catalyst.

Highly diastereoselective radical addition to glyoxylate imines of chiral amines without additional heteroatoms

pp 2911–2913

Nishan Singh, R. D. Anand and Sanjay Trehan*

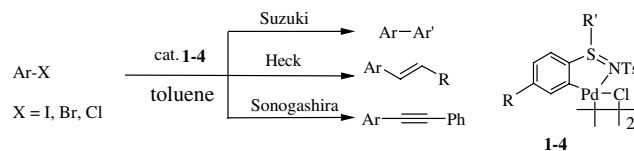


Radical additions to Schiff bases of chiral nonracemic amines without an additional heteroatoms in R or Ar, and ethyl glyoxylate, have been investigated to give additional products with high diastereoselectivity.

Sulfilimine palladacycles: stable and efficient catalysts for carbon–carbon coupling reactions

pp 2915–2918

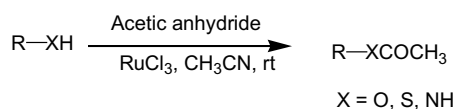
Vinay V. Thakur, N. S. C. Ramesh Kumar and A. Sudalai*



Ruthenium(III) chloride catalyzed acylation of alcohols, phenols, thiols, and amines

pp 2919–2922

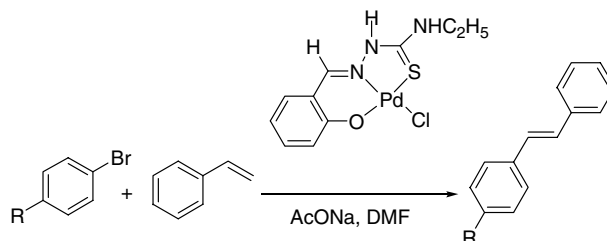
Surya Kanta De*



First use of a palladium complex with a thiosemicarbazone ligand as catalyst precursor for the Heck reaction

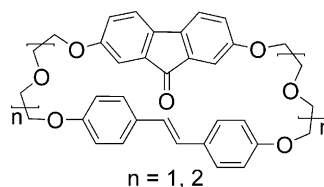
pp 2923–2926

Dimitra Kovala-Demertzi,* Paras N. Yadav, Mavroudis A. Demertzis, Jerry P. Jasiski, Fotini J. Andreadaki and Ioannis D. Kostas*


Synthesis, crystal structure and complexation with dibenzylammonium ion of a novel class of crownphanes containing bridged fragments of fluorenone and stilbene

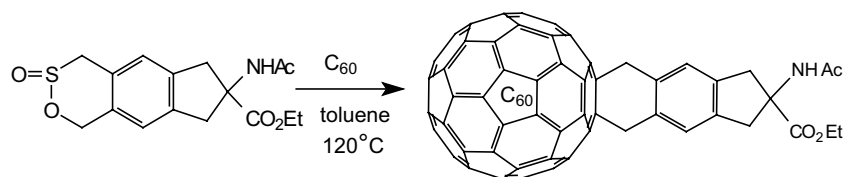
pp 2927–2930

Nikolay G. Lukyanenko,* Tatiana I. Kirichenko, Alexander Yu. Lyapunov, Catherine Yu. Kulygina, Yurii A. Simonov, Marina S. Fonari and Mark M. Botoshansky


A Diels–Alder approach for the synthesis of highly functionalized benzo-annulated indane-based α -amino acid derivatives via a sultine intermediate

pp 2931–2934

Sambasivarao Kotha* and Arun Kumar Ghosh

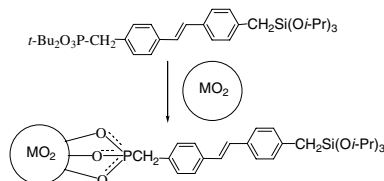


The synthesis of various highly functionalized benzo-annulated indane-based α -amino acid (AAA) derivatives are reported via a [4+2] cycloaddition strategy using a sultine derivative, containing an AAA moiety, as a reactive diene component. By adopting this strategy, a new α,α -dialkylated indane-based C_{60} fullerene containing a constrained AAA derivative is reported.

Triisopropoxysilyl-functionalized oxide nanoparticles using a di-*tert*-butyl phosphonate ester as the surface grafting agent

pp 2935–2937

Richard Frantz,* Jean-Olivier Durand, Michel Granier and Gérard F. Lanneau

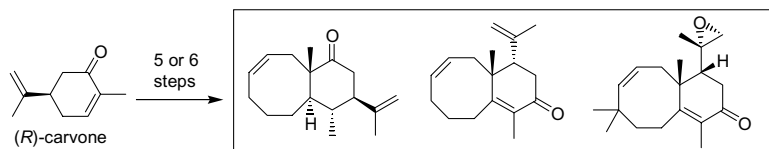


The synthesis of a bifunctional coupling reagent possessing a triisopropoxysilyl group and a *tert*-butyl phosphonate ester is described. The *tert*-butyl phosphonate ester was used as an efficient and selective grafting reagent for the anchoring of the triisopropoxysilyl group at the surface of TiO_2 and SnO_2 nanoparticles under mild conditions. The triisopropoxysilyl group remained intact and did not react at the surface of the oxide nanoparticles. The reactivity of the triisopropoxysilyl group was then further investigated.

Enantiospecific construction of the BC-ring system of taxanes

pp 2939–2942

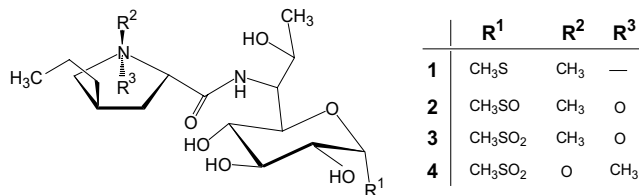
A. Srikrishna,* Dattatraya H. Dethe and P. Ravi Kumar



Access to lincomycin N-oxide isomers controlled by reaction conditions

pp 2943–2945

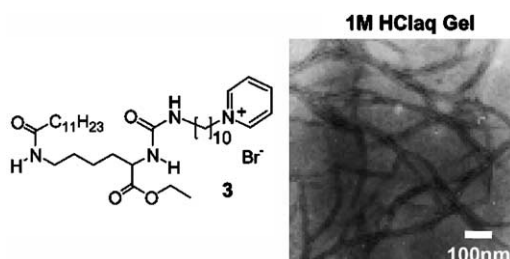
Stanislav Pospíšil,* Petr Sedmera, Petr Halada, Libor Havlíček and Jaroslav Spížek



Supramolecular hydrogels containing inorganic salts and acids

pp 2947–2950

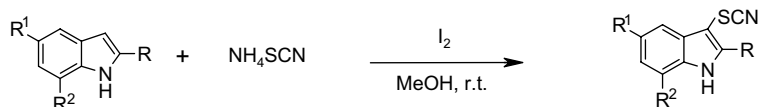
Masahiro Suzuki,* Mariko Yumoto, Mutsumi Kimura, Hirofusa Shirai and Kenji Hanabusa



Iodine/MeOH: a novel and efficient reagent system for thiocyanation of aromatics and heteroaromatics

pp 2951–2954

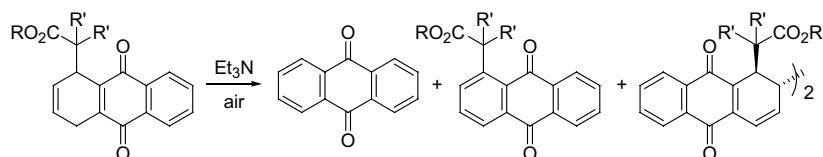
J. S. Yadav,* B. V. S. Reddy, S. Shubashree and K. Sadashiv



Highly strained dihydroanthraquinones: oxidation versus elimination

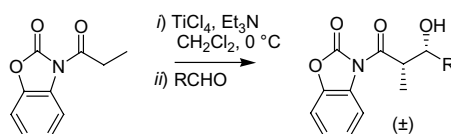
pp 2955–2959

John D. Reynolds, Robert G. Brinson, Cynthia S. Day and Paul B. Jones*

***N*-Acyl-2-benzoxazolinones in titanium-mediated aldol reactions**

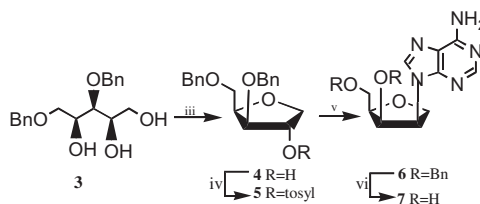
pp 2961–2964

Mark A. Burlingame,* Esteban Mendoza and Gary W. Ashley

**Simple entry into isonucleosides: synthesis of 6-amino-9-[(3*S*,4*S*,5*R*)-4-hydroxy-5-(hydroxymethyl)tetrahydrofuran-3-yl]purine**

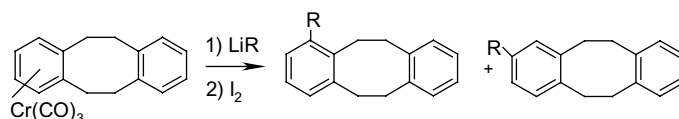
pp 2965–2966

Hari Babu Mereyala* and Sreeman Kumar Mamidyala

**Synthesis of some substituted 5,6,11,12-tetrahydrodibenzo[*a,e*]cyclooctene derivatives through the intermediacy of tricarbonyl(η^6 -arene)chromium complexes**

pp 2967–2971

A. Moshtaghi Zenouz

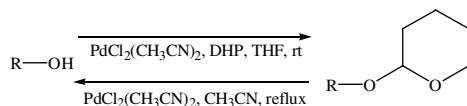


α - And β -substituted 5,6,11,12-tetrahydrodibenzo[*a,e*]cyclooctene derivatives are synthesized through the intermediacy of $[\text{Cr}(\text{CO})_3(5,6,11,12\text{-tetrahydrodibenzo}[a,e]\text{cyclooctene})]$.

A mild and efficient selective tetrahydropyranylation of primary alcohols and deprotection of THP ethers of phenols and alcohols using $\text{PdCl}_2(\text{CH}_3\text{CN})_2$ as catalyst

pp 2973–2976

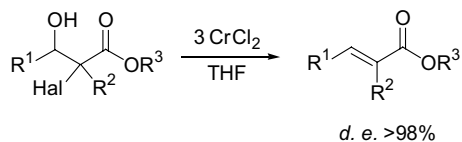
Yan-Guang Wang,* Xiao-Xing Wu and Zhi-Yong Jiang



Synthesis of (*E*)- α,β -unsaturated esters with total diastereoselectivity by using chromium dichloride

pp 2977–2979

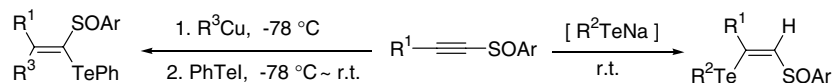
José M. Concellón,* Humberto Rodríguez-Solla and Carmen Méjica



Hydrotelluration and carbottelluration of acetylenic sulfoxides: regio- and stereoselective preparation of α - and β -organotellurovinyl sulfoxides

pp 2981–2984

Qing Xu, Xian Huang* and Jun Ni

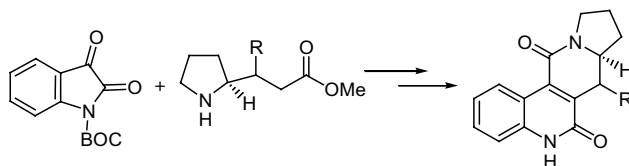


α - And (*Z*)- β -organotellurovinyl sulfoxides were prepared regio- and stereoselectively by the *syn*-carbottelluration and *anti*-hydrotelluration of acetylenic sulfoxides, respectively.

A synthesis of the tetracyclic carboskeleton of isaindigotidione

pp 2985–2988

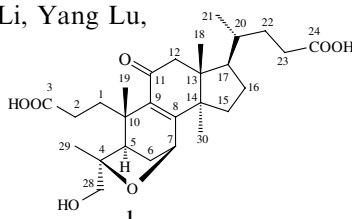
Ch Yan Poon and Pauline Chiu*



A synthesis of the indolizino[7,6-*c*]quinoline carboskeleton of isaindigotidione has been achieved starting from L-proline and isatin.

Two novel 3,4-*seco*-trinorlanostane triterpenoids isolated from *Ganoderma fornicatum*

pp 2989–2993

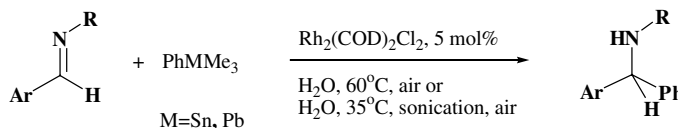
Xuemei Niu,* Minghua Qiu,* Zhongrong Li, Yang Lu,
Peng Cao and Qitai Zheng

Two novel 3,4-*seco*-25,26,27-trinorlanostane triterpenoid compounds, fornicatins A and B (**1** and **2**) have been isolated from the fruiting body of *Ganoderma fornicatum*. The structural elucidation of **1** and **2** were accomplished by extensive NMR analysis. The relative stereochemistry of **2** was established by single crystal X-ray crystallography, which also confirmed the novel carbon skeleton of the new triterpenoid. An ether linkage of C-4 with C-7 in **1** is unprecedented in natural triterpenoids. Both compounds were tested for their inhibitory effects on rabbit platelet aggregation induced by PAF, ADP, or AA.

Rhodium-catalyzed and sonication-accelerated addition of aryltin and aryllead reagents to imines in air and water

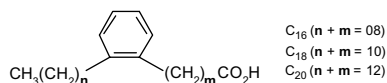
pp 2995–2998

Rui Ding, Cui Huo Zhao, Yong Jun Chen, Li Liu, Dong Wang* and Chao Jun Li*

**Thermally produced ω -(*o*-alkylphenyl)alkanoic acids provide evidence for the processing of marine products in archaeological pottery vessels**

pp 2999–3002

Fabricio A. Hansel, Mark S. Copley, Luiz A. S. Madureira and Richard P. Evershed*

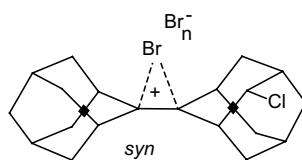


C_{16} , C_{18} , and C_{20} ω -(*o*-alkylphenyl)alkanoic acids were identified in archaeological pottery vessels. These compounds are presumed to form during the heating of triunsaturated fatty acids ($C_{16:3}$, $C_{18:3}$ and $C_{20:3}$) involving alkali-isomerization, pericyclic and aromatization reactions.

Synthesis and characterization of the *syn*-bromonium ion of 4-*equ* chloroadamantylidenadamantane, towards a chiral bromination reagent

pp 3003–3005

Dieter Lenoir,* Norbert Hertkorn and Cinzia Chiappe*



OTHER CONTENTS**Corrigendum****Contributors to this issue****Instructions to contributors****p 3007****p I****pp III–V**

*Corresponding author

①⁺ Supplementary data available via ScienceDirect

Full text of this journal is available, on-line from **ScienceDirect**. Visit www.sciencedirect.com for more information.

**CONTENTS
direct**

This journal is part of **ContentsDirect**, the *free* alerting service which sends tables of contents by e-mail for Elsevier books and journals. You can register for **ContentsDirect** online at: <http://contentsdirect.elsevier.com>

Indexed/Abstracted in: AGRICOLA, Beilstein, BIOSIS Previews, CAB Abstracts, Chemical Abstracts, Chemical Engineering and Biotechnology Abstracts, Current Biotechnology Abstracts, Current Contents: Life Sciences, Current Contents: Physical, Chemical and Earth Sciences, Current Contents Search, Derwent Drug File, Ei Compendex, EMBASE/Excerpta Medica, Medline, PASCAL, Research Alert, Science Citation Index, SciSearch

**ELSEVIER**

ISSN 0040-4039