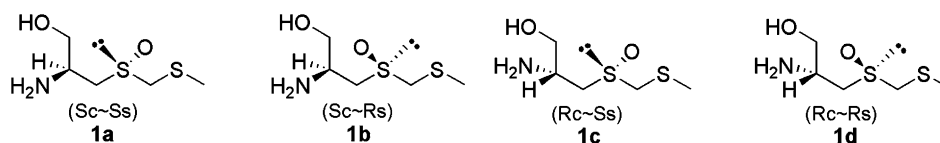


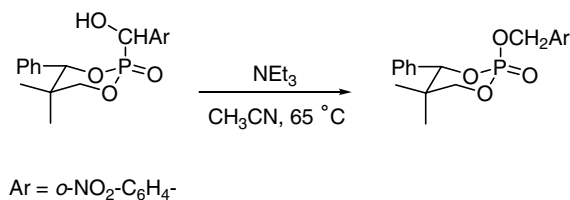
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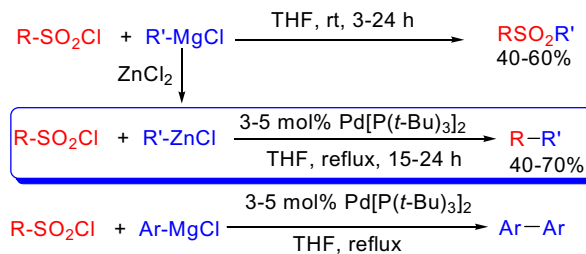
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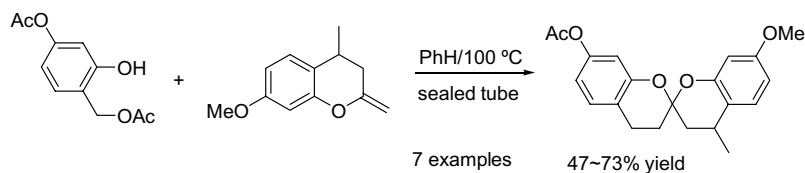
- Palladium-catalyzed desulfinylative Negishi C–C bond forming cross-couplings of sulfonyl and organozinc chlorides** pp 3345–3348
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Expedient synthesis of the aromatic spiroketal skeleton using hetero-Diels–Alder cycloaddition

pp 3349–3352

Guanglian Zhou, Deping Zheng, Shijun Da, Zhixiang Xie* and Ying Li*

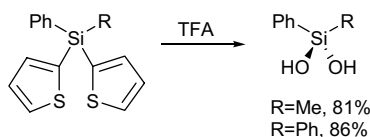


The hetero-Diels–Alder reactions of enolic ethers generated from methylenation of various esters are described, which allow for the rapid synthesis of various substituted [6,6] aromatic spiroketal skeletons.

Bis(2-thienyl)silanes: new, versatile precursors to arylsilanediols

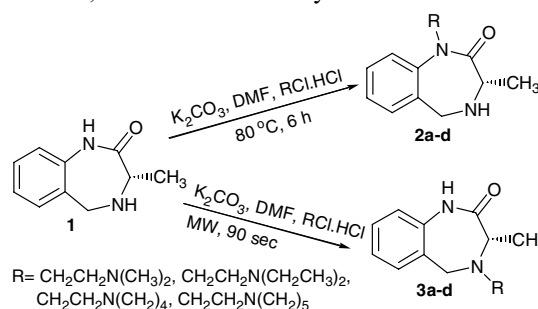
pp 3353–3355

Thomas F. Anderson, Matthew A. J. Statham and Michael A. Carroll*

**Regioselective aminoethylation of 1,4-benzodiazepin-2-one under conventional heating and microwave irradiation**

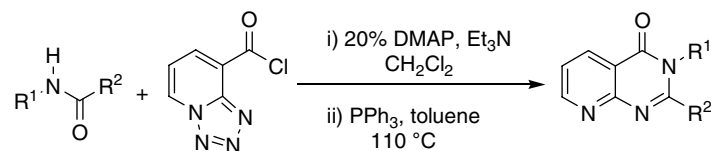
pp 3357–3360

Jitendra Kumar Mishra, J. Srinivasa Rao, G. Narahari Sastry and Gautam Panda*

**Application of the intramolecular aza-Wittig reaction to the synthesis of pyrido[2,3-*d*]pyrimidines**

pp 3361–3363

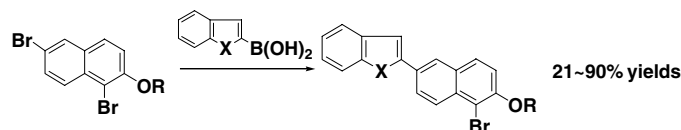
Johann Chan* and Margaret Faul



Pyrido[2,3-*d*]pyrimidines are synthesized in a two-step sequence through an intramolecular aza-Wittig reaction of various imides generated from the reaction of tetrazolo[1,5-*d*]pyridine-8-carbonyl chloride and amides. This approach is particularly effective for the synthesis of cyclic pyridopyrimidines.

Regioselective Suzuki coupling of benzofuran or benzothiophene boronic acids and dibromo substituted naphthalenes: synthesis of a potent inhibitor of plasminogen activator inhibitor-1 pp 3365–3369

Zheng Wang,* Hassan Elokdah, Geraldine McFarlane, Sherry Pan and Madelene Antane

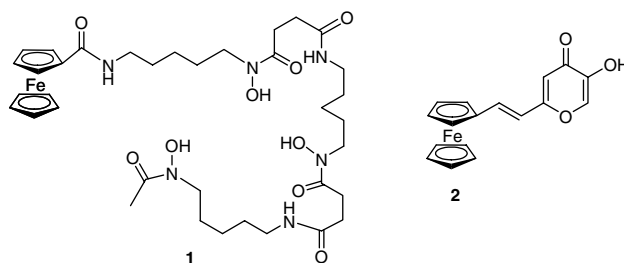


An efficient route to the biologically active naphthyl benzofuran derivative is described. The synthesis highlights a regioselective Suzuki coupling of a benzofuran and a dibromo substituted naphthalene. The scope of regioselective Suzuki coupling has been investigated.

**Design, synthesis and redox properties of two ferrocene-containing iron chelators**

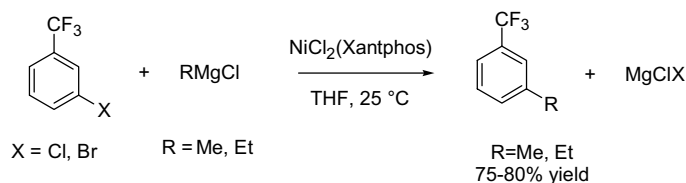
pp 3371–3374

Fabrice Moggia, Hugues Brisset,* Frédéric Fages, Carole Chaix, Bernard Mandrand, Marylène Dias and Eric Levillain

**Efficient access to 3-alkyl-trifluoromethylbenzenes using Kumada's coupling reaction**

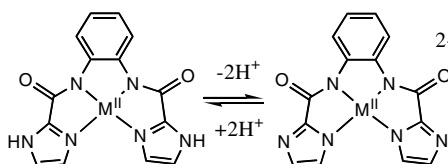
pp 3375–3378

Nicolas Roques and Laurent Saint-Jalmes*

**Imidazole containing ligands for the modulation of physical properties of metal complexes upon (de)protonation**

pp 3379–3382

Benedikt Lassalle-Kaiser, Régis Guillot, Élodie Anxolabéhère-Mallart and Ally Aukauloo*



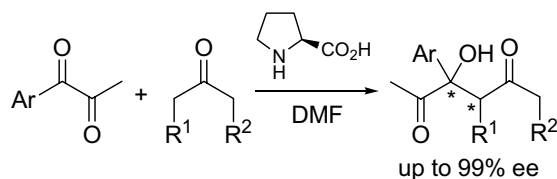
A novel ligand containing two imidazole rings has been synthesised. This ligand opens up the coordination chemistry whereby the protonic state of the ligand shall allow the modulation of the electronic properties of metal complexes.



Asymmetric direct aldol reaction of 1,2-diketones and ketones mediated by proline derivatives

pp 3383–3386

Sampak Samanta and Cong-Gui Zhao*

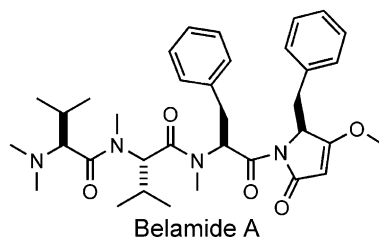


Proline derivative mediated cross aldol reaction of 1,2-diketones and ketones yields the corresponding 2-hydroxy 1,4-diketones in high regioselectivity, diastereoselectivity and good enantioselectivity.

**Belamide A, a new antimitotic tetrapeptide from a Panamanian marine cyanobacterium**

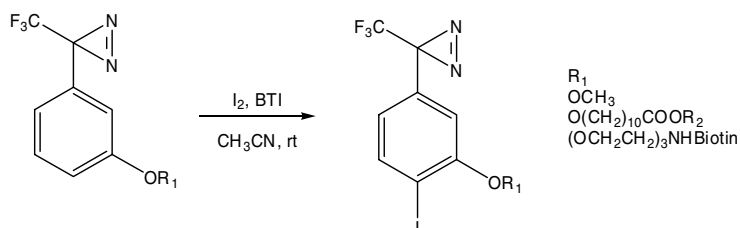
pp 3387–3390

T. Luke Simmons, Kerry L. McPhail, Eduardo Ortega-Barría, Susan L. Mooberry and William H. Gerwick*

**Simple method for the introduction of iodo-label on (3-trifluoromethyl) phenyldiazirine for photoaffinity labeling**

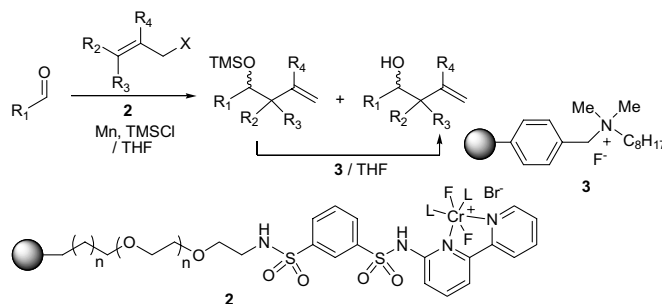
pp 3391–3394

Makoto Hashimoto,* Yuhi Kato and Yasumaru Hatanaka

**Cr-waste free catalytic carbonyl addition reactions with polymer-immobilized CrF₂**

pp 3395–3399

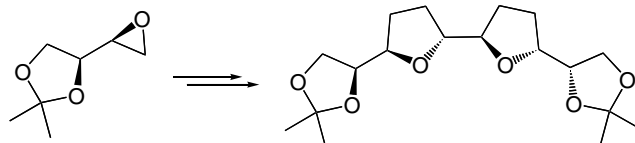
Michio Kurosu



Stereoselective synthesis of bis-hydroxy-tetrahydrofurans using cross metathesis

pp 3401–3403

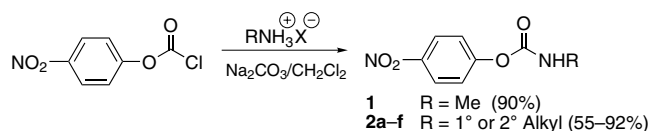
Errabelli Ramu, G. Bhaskar, B. Venkateswara Rao* and G. S. Ramanjaneyulu



A simple and efficient biphasic method for the preparation of 4-nitrophenyl *N*-methyl- and *N*-alkylcarbamates

pp 3405–3407

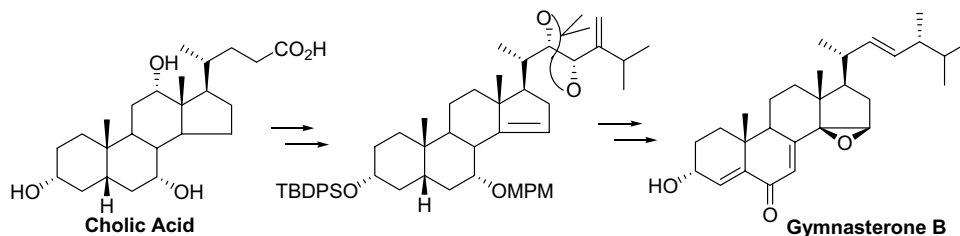
Matt A. Peterson,* Houguang Shi and Pucheng Ke



Synthesis of Gymnasterone B, an antitumor steroid from *Gymnascella dankaliensis*

pp 3409–3412

Min Li,* Peijie Zhou and Anmei Wu

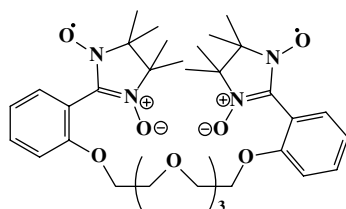


A stereoselective approach toward the synthesis of a marine natural product, Gymnasterone B, has been achieved via a series of reactions from cholic acid.

Bisnitronyl nitroxides bridged by tetra(ethyleneoxy) sensing metal ions spectroscopically and electrochemically

pp 3413–3417

Yanxin Yu, Deqing Zhang,* Guanxin Zhang, Zhiyong Wang and Daoben Zhu

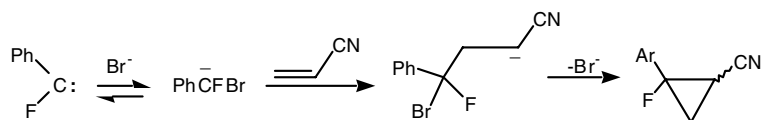


A new compound featuring two nitronyl nitroxide units bridged by tetra(ethyleneoxy) can be used to sense metal ions both spectroscopically and electrochemically.



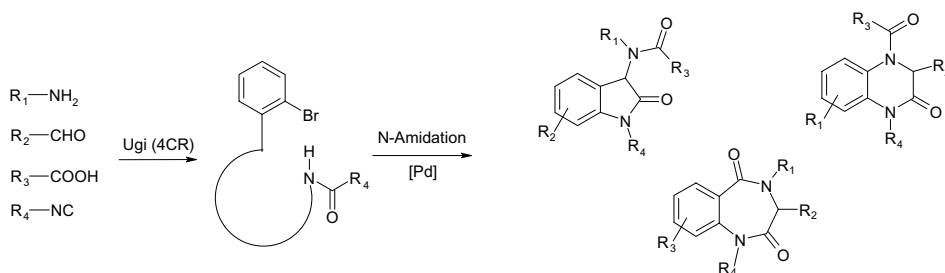
Modulation of selectivity in a fluorocarbene cyclopropanation reaction: a catalytic role for bromide ion pp 3419–3421

Robert A. Moss* and Jingzhi Tian

**Highly substituted indol-2-ones, quinoxalin-2-ones and benzodiazepin-2,5-diones via a new Ugi(4CR)-Pd assisted *N*-arylation strategy**

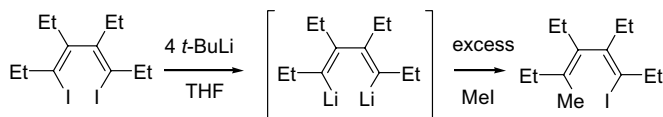
pp 3423–3426

Cédric Kalinski,* Michael Umkehrer, Günther Ross, Jürgen Kolb, Christoph Burdack and Wolfgang Hiller

**Unique reactivity of a 1,4-dilithiobutadiene with methyl iodide**

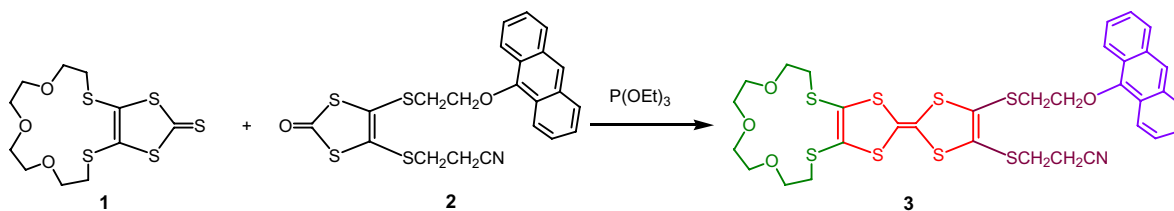
pp 3427–3430

Paul F. Hudrlik,* Donghua Dai and Anne M. Hudrlik

**A new crown ether annelated tetrathiafulvalene derivative with anthracene moiety as a sensor for Li⁺ and ¹O₂**

pp 3431–3434

Wei Liu, Jing-Hua Lu, Yong Ji, Jing-Lin Zuo* and Xiao-Zeng You*



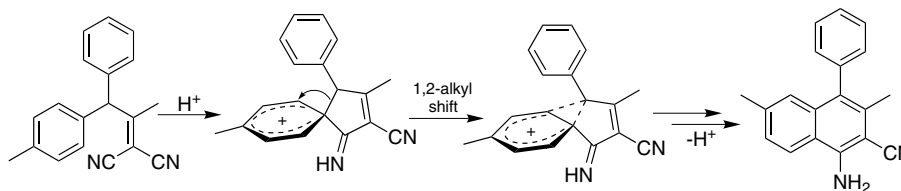
A novel compound embodying the crown ether–TTF–anthracene triad is capable of detecting both Li⁺ and ¹O₂ in cooperation and the existence of ¹O₂ triggers the binding of Li⁺ ion.



Novel synthesis of α -arylnaphthalenes from diphenylacetaldehydes and 1,1-diphenylacetones

pp 3435–3438

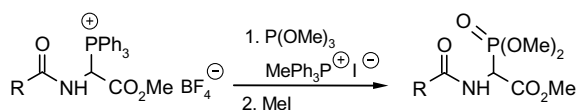
Bartłomiej Kozik, Jarosław Wilamowski, Maciej Góra and Janusz J. Sepioł*



A new convenient synthesis of *N*-acyl-2-(dimethoxyphosphoryl)glycinates

pp 3439–3442

Roman Mazurkiewicz* and Anna Kuźnik



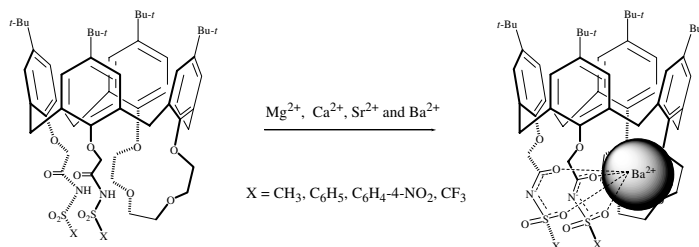
N-Acyl-2-triphenylphosphonioglycinate tetrafluoroborates react smoothly with trimethylphosphite in the presence of methyltriphenylphosphonium iodide to give *N*-acyl-2-(dimethoxyphosphoryl)glycinates in good or very good yields.

Di-ionizable *p*-*tert*-butylcalix[4]arene-1,2-crown-4 ligands: synthesis and high divalent metal ion extraction selectivity

pp 3443–3446

Chuqiao Tu, Kazimierz Surowiec and Richard A. Bartsch*

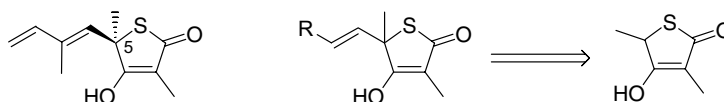
Di-ionizable *p*-*tert*-butylcalix[4]arene-1,2-crown-4 ethers in the cone conformation exhibit high Ba^{2+} selectivity in competitive solvent extraction of alkaline earth metal cations.



Novel route to 5-position vinyl derivatives of thiolactomycin: olefination versus deformylation

pp 3447–3451

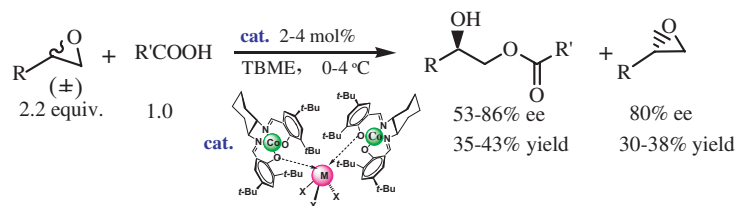
Pilho Kim, Clifton E. Barry, III and Cynthia S. Dowd*



Synthesis of optically active 2-hydroxy monoesters via-kinetic resolution and asymmetric cyclization catalyzed by heterometallic chiral (salen) Co complex

pp 3453–3457

Wenji Li, Santosh Singh Thakur, Shu-Wei Chen, Chang-Kyo Shin, Rahul B. Kawthekar and Geon-Joong Kim*

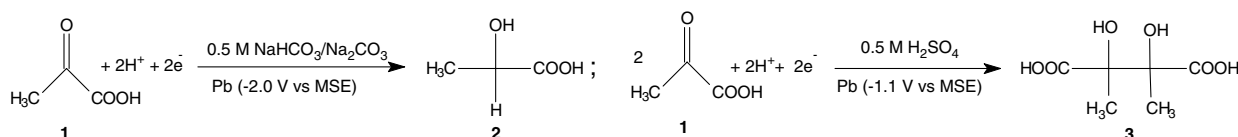


The heterometallic chiral (salen) Co complexes catalyze ring opening of terminal epoxides with carboxylic acids in a regio- and enantioselective manner.

Electrosynthesis of lactic acid and 2,3-dimethyltartaric acid from pyruvic acid on lead cathode in aqueous medium

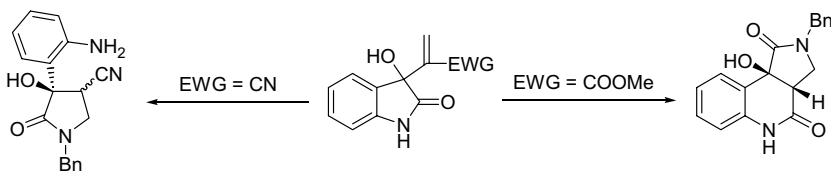
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C. Martin, H. Huser, K. Servat and K. B. Kokoh*


Synthesis of 3-aryl-3-hydroxypyrrolidin-2-ones and 2-benzyl-9b-hydroxy-3,3a,5,9b-tetrahydro-2H-pyrrolo[3,4-c]quinoline-1,4-dione derivatives from the Baylis–Hillman adducts of isatins

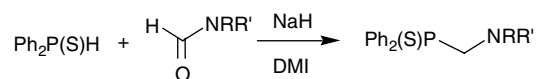
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Seung Chan Kim, Saravanan Gowrisankar and Jae Nyoung Kim*


A novel reductive coupling reaction between diphenylphosphine sulfide and formamides

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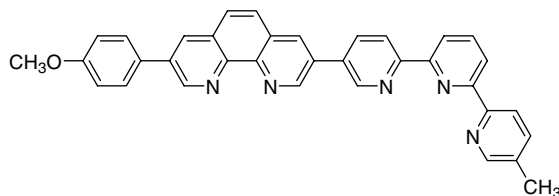
Peng Yan and Yukihiko Hashimoto*



Synthesis of a novel ditopic ligand incorporating directly bonded 1,10-phenanthroline and 2,2':6',2''-terpyridine units

pp 3471–3473

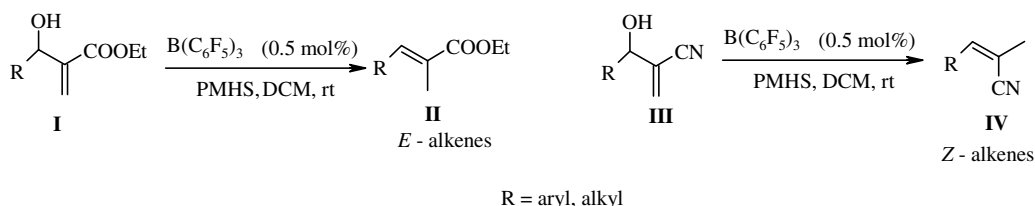
Pablo Gaviña* and Sergio Tatay



Synthesis of trisubstituted alkenes by reductive dehydroxylation of Baylis–Hillman adducts using polymethylhydrosiloxane (PMHS) and catalytic $B(C_6F_5)_3$

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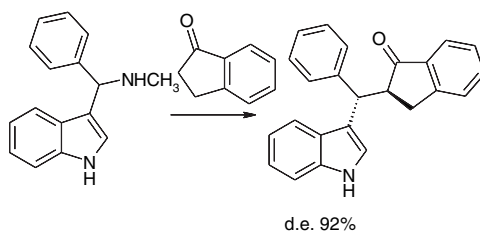
S. Chandrasekhar,* G. Chandrashekar, K. Vijeender and M. Srinivasa Reddy



Diastereoselective synthesis of (2*S)-2-[(*R**)-1*H*-indol-3-yl(phenyl)methyl]-2,3-dihydro-1*H*-inden-1-one**

pp 3479–3483

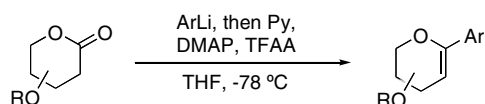
Boris B. Semenov,* Kirill A. Novikov, Konstantin A. Lysenko and Vadim V. Kachala



Facile synthesis of *C*-aryl glycols from sugar-derived lactones

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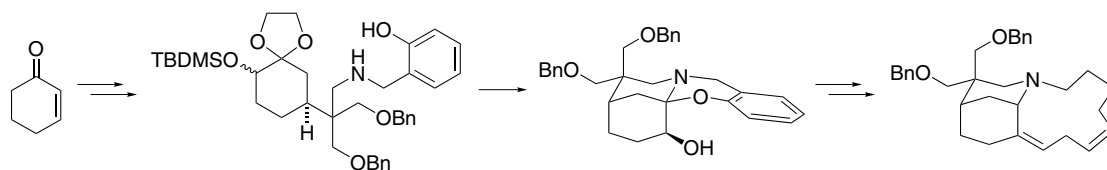
Hui Li, Kristen Procko and Stephen F. Martin*



Synthesis of the 11-membered ring of the marine alkaloids, madangamines

pp 3489–3492

Yuta Yoshimura, Junji Inoue, Naoki Yamazaki,* Sakae Aoyagi and Chihiro Kibayashi



*Corresponding author

①⁺ Supplementary data available via ScienceDirectFull text of this journal is available, on-line from **ScienceDirect**. Visit www.sciencedirect.com for more information.

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