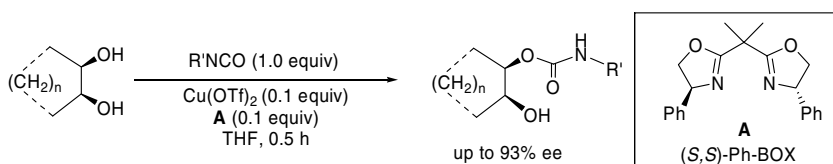


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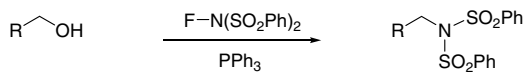
**Asymmetric desymmetrization of *meso*-*vic*-diols by carbamylation catalyzed with a chiral Cu(II) complex** pp 8453–8456

Kazuya Matsumoto, Masaru Mitsuda, Nobuto Ushijima, Yosuke Demizu, Osamu Onomura and Yoshihiro Matsumura\*



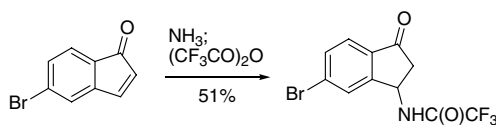
**Straightforward conversion of alcohols into dibenzenesulfonimides** pp 8457–8458

Emerson Giovanelli, Eric Doris\* and Bernard Rousseau



**Michael addition of 3-bromoinden-1-one: an expedient synthesis of 5-bromo-3-trifluoroacetamidoindan-1-one** pp 8459–8461

Yong-Jin Wu

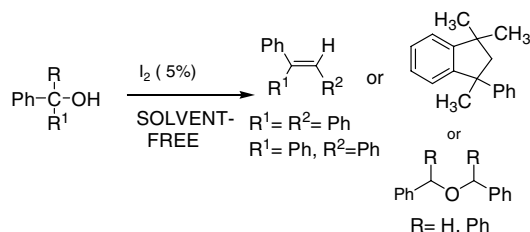


The Michael addition of 5-bromo-inden-1-one with ammonia followed by acylation with trifluoroacetic anhydride provides 5-bromo-3-trifluoroacetamidoindan-1-one in a 51% yield in one-pot.

**Iodine induced transformations of alcohols under solvent-free conditions**

pp 8463–8466

Gaj Stavber, Marko Zupan and Stojan Stavber\*

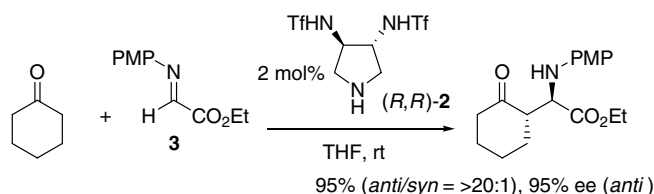


Iodine has been shown to be an efficient catalyst for transformations of alcohols under solvent-free conditions: tertiary alcohols typically gave alkenes; secondary and primary benzyl alcohols gave ethers.

**Design of a C<sub>2</sub>-symmetric chiral pyrrolidine-based amino sulfonamide: application to *anti*-selective direct asymmetric Mannich reactions**

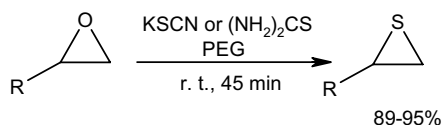
pp 8467–8469

Taichi Kano, Yoshio Hato and Keiji Maruoka\*

**An efficient catalyst-free synthesis of thiiranes from oxiranes using polyethylene glycol as the reaction medium**

pp 8471–8473

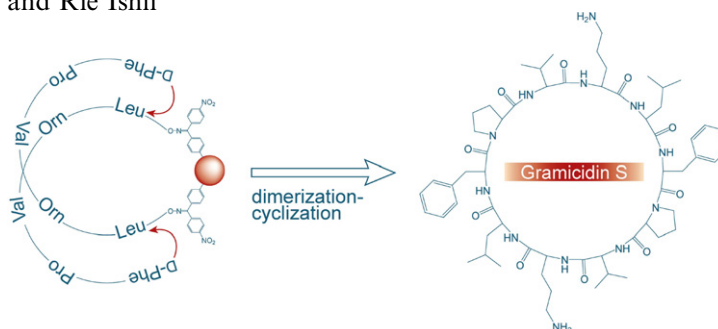
Biswanath Das,\* V. Saidi Reddy and M. Krishnaiah

**Biomimetic formation of gramicidin S by dimerization–cyclization of pentapeptide precursor on solid support**

pp 8475–8478

Makoto Tamaki,\* Kenji Honda, Sho Kikuchi and Rie Ishii

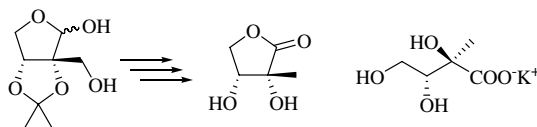
The biomimetic formation of gramicidin S, cyclo-(D-Phe-Pro-Val-Orn-Leu)<sub>2</sub>, by the dimerization and cyclization of pentapeptide precursor without the protection of δ-amino group of the Orn residue was examined on a solid support. The cyclization of H-D-Phe-Pro-Val-Orn-Leu-oxime on a resin with an oxime group of 0.62 mmol/g in 1,4-dioxane directly gave gramicidin S in 50%.



**Concise synthesis of enantiopure *erythro*-saccharinic acid lactone and potassium (2*R*,3*R*)-2,3,4-trihydroxy-2-methylbutanoate**

pp 8479–8481

Alexandros E. Koumbis,\* Apostolos D. Kaitaidis and Stefanos S. Kotoulas

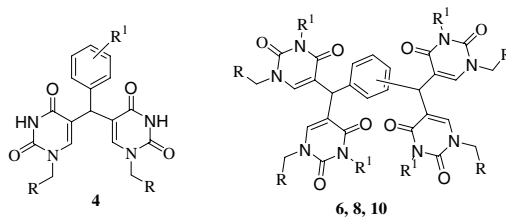


A short and efficient approach was applied to the total synthesis of *erythro*-saccharinic acid lactone and the leaf-closing substance potassium (2*R*,3*R*)-2,3,4-trihydroxy-2-methylbutanoate from a 2-*C*-hydroxymethyl-*D*-erythrose derivative, using a combined strategy.

**A simple synthesis of di(uracilyl)aryl methanes and 1,ω-bis[di(uracilyl)methyl]benzenes**

pp 8483–8487

Subodh Kumar,\* Vaishalli Malik, Navneet Kaur and Kuljit Kaur

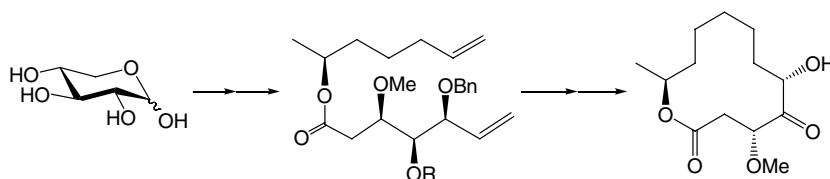


The reactions of 1-alkyl- and 1,3-dialkyluracils with aryl aldehydes/dialdehydes provide a versatile synthetic approach for di(uracilyl)aryl methanes **4** and their homologues **6**, **8** and **10**.

**The first total synthesis of sporiolide B**

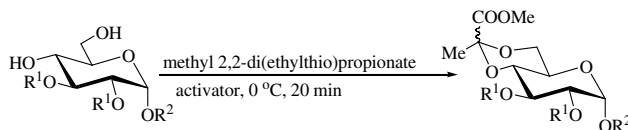
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Qi Chen and Yuguo Du\*

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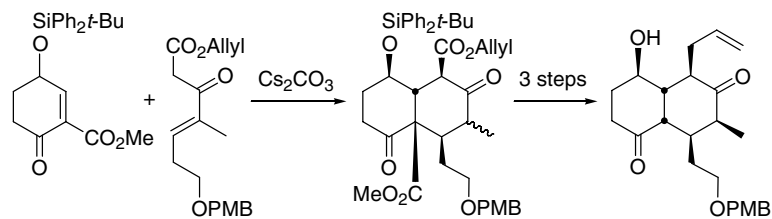
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Geetanjali Agnihotri and Anup Kumar Misra\*



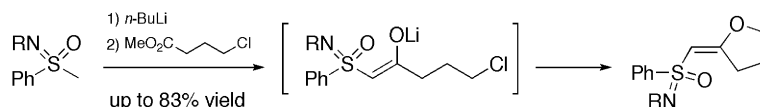
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Thomas Tricotet and Reinhard Brückner\*



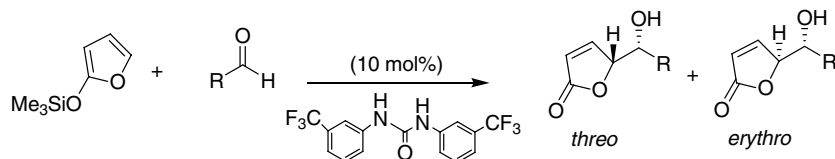
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Yoann Coquerel\* and Jean Rodriguez\*



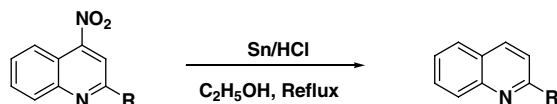
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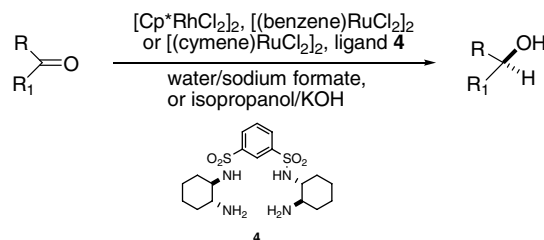
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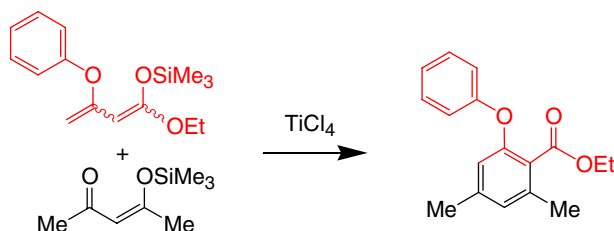
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Norma A. Cortez, Ramón Rodríguez-Apodaca, Gerardo Aguirre, Miguel Parra-Hake, Thomas Cole and Ratnasamy Somanathan\*



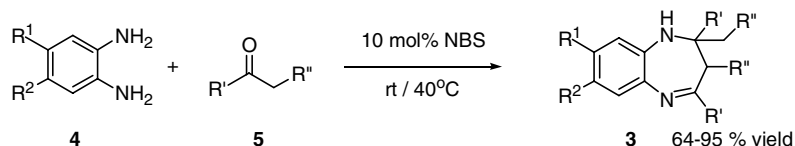
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Gerson Mroß and Peter Langer\*



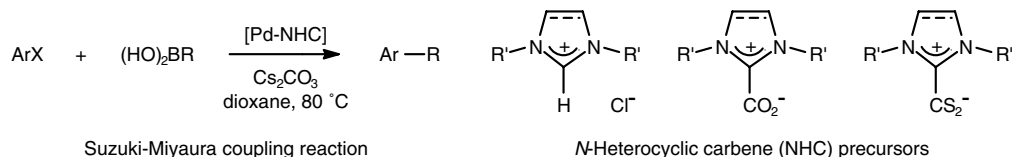
**NBS as an efficient catalyst for the synthesis of 1,5-benzodiazepine derivatives under mild conditions** pp 8523–8528

Chun-Wei Kuo, Shivaji V. More and Ching-Fa Yao\*



**Imidazol(in)ium carboxylates as N-heterocyclic carbene ligand precursors for Suzuki–Miyaura reactions** pp 8529–8533

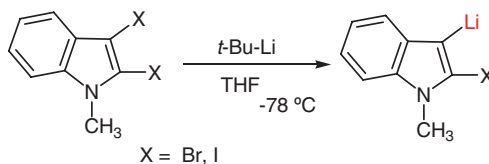
Adriana Tudose, Lionel Delaude, Benoît André and Albert Demonceau\*



**Selective C-3 lithiation of 2,3-dibromo- and 2,3-diiodo-1-methylindoles**

pp 8535–8537

Ikuko Ueda, Mitsuko Nishiura, Tohru Takahashi, Kazuo Eda, Masao Hashimoto and Kimiaki Yamamura\*

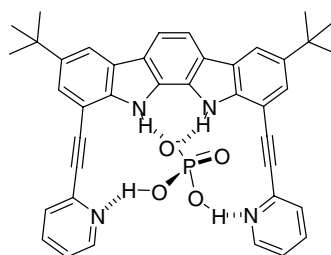


2,3-Dibromo- and 2,3-diiodo-1-methylindoles reacted with *tert*-butyllithium at  $-78\text{ }^{\circ}\text{C}$  to afford not 3-halo-2-lithio-1-methylindole but 2-halo-3-lithio-1-methylindole exclusively.

**A molecular receptor that selectively binds dihydrogen phosphate**

pp 8539–8541

Tae Hoon Kwon and Kyu-Sung Jeong\*

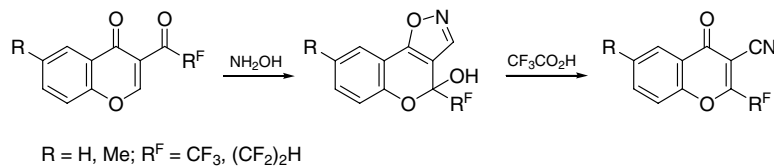


A molecular receptor with two hydrogen bond donors and two hydrogen bond acceptors selectively binds dihydrogen phosphate by hydrogen-bonding interactions.

**Reactions of 3-(polyfluoroacyl)chromones with hydroxylamine. The first synthesis of 3-cyano-2-(polyfluoroalkyl)chromones**

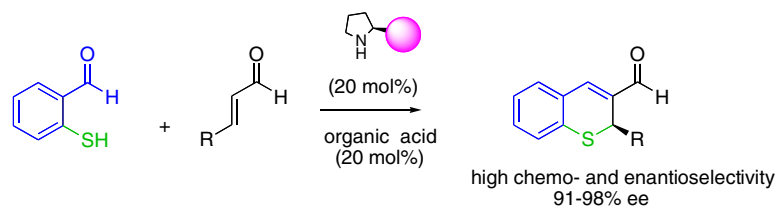
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Vyacheslav Ya. Sosnovskikh,\* Vladimir S. Moshkin and Roman A. Irgashev

**Highly enantioselective synthesis of 2H-1-benzothiopyrans by a catalytic domino reaction**

pp 8547–8551

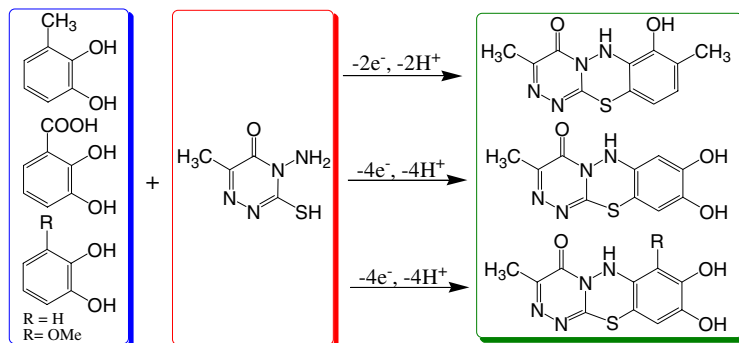
Ramon Rios, Henrik Sundén, Ismail Ibrahim, Gui-Ling Zhao, Lars Eriksson and Armando Córdoba\*



**Efficient electrosynthesis of 1,2,4-triazino[3,4-*b*]-1,3,4-thiadiazine derivatives**

pp 8553–8557

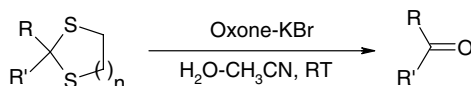
L. Fotouhi,\* M. Mosavi, M. M. Heravi and D. Nematollahi



**An efficient deprotection of dithioacetals to carbonyls using Oxone–KBr in aqueous acetonitrile**

pp 8559–8561

U. V. Desai,\* D. M. Pore, B. V. Tamhankar, S. A. Jadhav and P. P. Wadgaonkar

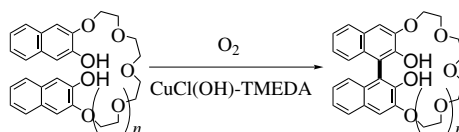


A simple and efficient method has been developed for the chemoselective dethioacetalization of dithioacetals to aldehydes and ketones using Oxone–KBr in aqueous acetonitrile at room temperature.

**Novel synthesis of macrocycles with 1,1'-binaphthalene-2,2'-diol using intramolecular oxidative coupling**

pp 8563–8566

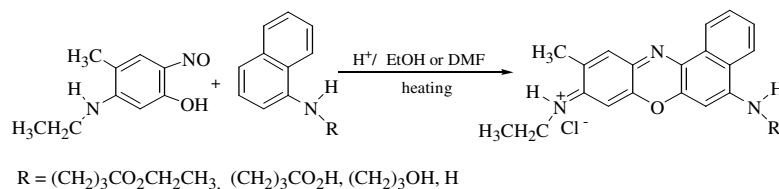
Satoshi Ito,\* Kazuya Koizumi, Katsuhiko Fukuda, Naohiro Kameta, Tsukasa Ikeda, Toru Oba and Kazuhisa Hiratani



**Synthesis of fluorescent water-soluble functionalised benzo[*a*]phenoxazinium salts**

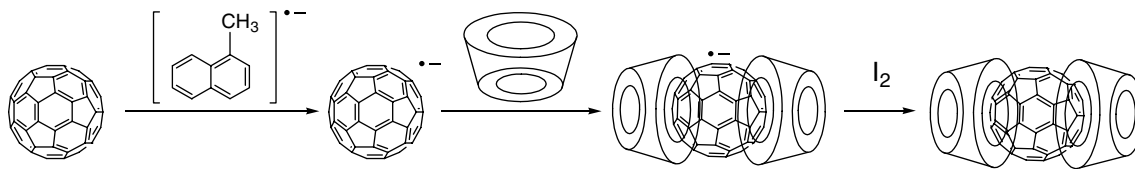
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Vânia H. J. Frade, M. Sameiro T. Gonçalves\* and João C. V. P. Moura



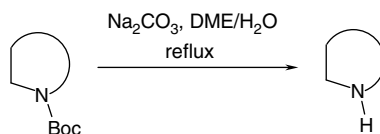
**The first synthesis of a water-soluble  $\alpha$ -cyclodextrin/ $C_{60}$  supramolecular complex using anionic  $C_{60}$  as a building block** pp 8571–8574

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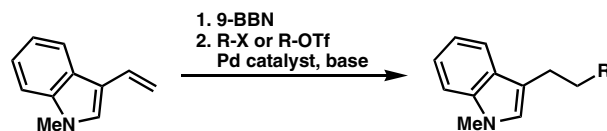
**A mild and selective method for the *N*-Boc deprotection by sodium carbonate** pp 8575–8577

Saïd El Kazzouli, Jamal Koubachi, Sabine Berteina-Raboin,\* Abderrahim Mouaddib and Gérald Guillaumet



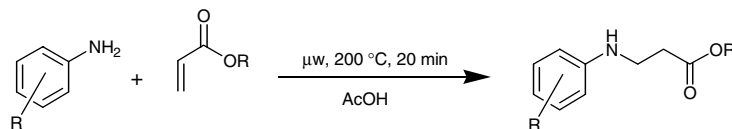
**The synthesis of C-3 $\beta$  functionalized indoles via a hydroboration/Suzuki–Miyaura coupling sequence** pp 8579–8582

Eric M. Ferreira and Brian M. Stoltz\*



**Fast, easy, solvent-free, microwave-promoted Michael addition of anilines to  $\alpha,\beta$ -unsaturated alkenes: synthesis of *N*-aryl functionalized  $\beta$ -amino esters and acids** pp 8583–8586

Kristen M. Amore, Nicholas E. Leadbeater,\* Tyson A. Miller and Jason R. Schmink



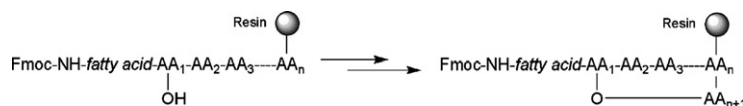
The rapid, simple, microwave-promoted synthesis of *N*-aryl functionalized  $\beta$ -amino esters is presented. The esters can be easily hydrolyzed to the corresponding *N*-aryl functionalized  $\beta$ -amino acids.



**A novel strategy for the solid-phase synthesis of cyclic lipodepsipeptides**

pp 8587–8590

Maciej Stawikowski and Predrag Cudic\*

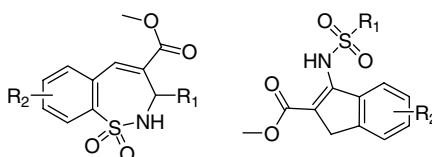


A novel strategy for the Fmoc solid-phase synthesis of cyclic lipodepsipeptides is described.

**A post aza Baylis–Hillman/Heck coupling approach towards the synthesis of constrained scaffolds**

pp 8591–8593

Anil Vasudevan,\* Pei-San Tseng and Stevan W. Djuric

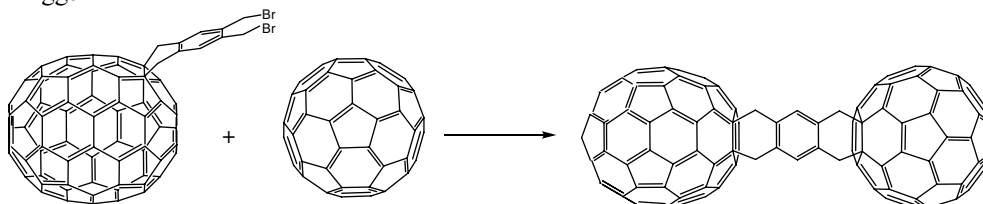


An intramolecular Heck coupling of the product of an aza Baylis–Hillman reaction to afford conformationally constrained scaffolds is reported.

**Synthesis of an asymmetric fullerene dimer via sequential cycloadditions**

pp 8595–8597

Timothy J. Hingston, Mark R. Sambrook,\* Nicholas H. Rees, Kyriakos Porfyraakis and G. Andrew D. Briggs

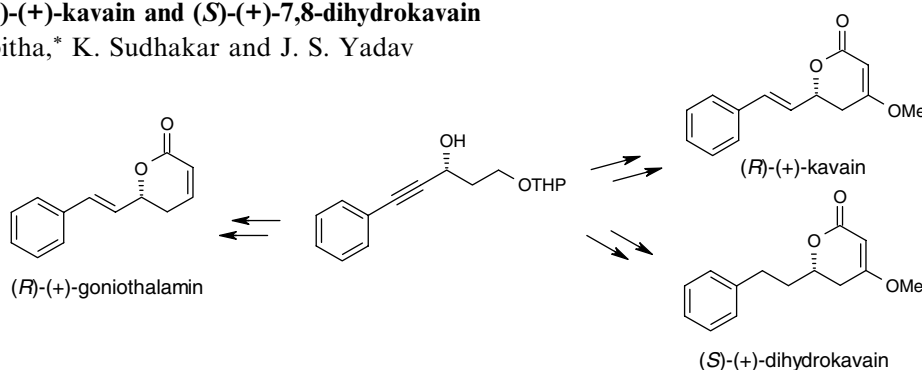


A single isomer of a monofunctionalised C<sub>70</sub> fullerene is isolated and characterised using variable temperature NMR spectroscopy. Pendant methylene bromide groups allow for further cycloaddition reactions and a C<sub>60</sub>–C<sub>70</sub> asymmetric fullerene dimer is thus prepared.

**Application of the Cosford cross-coupling protocol for the stereoselective synthesis of (*R*)-(+)-goniothalamin, (*R*)-(+)-kavain and (*S*)-(+)-7,8-dihydrokavain**

pp 8599–8602

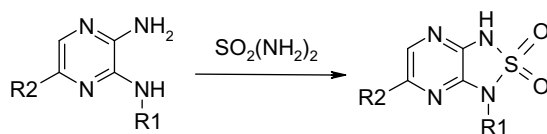
Gowravaram Sabitha,\* K. Sudhakar and J. S. Yadav



**Microwave-assisted synthesis of 1,3-dihydro-[1,2,5]thiadiazolo[3,4-*b*]pyrazine-2,2-dioxides**

pp 8603–8606

Sara Sevilla, Pilar Forns,\* Joan-Carles Fernàndez, Natalia de la Figuera, Paul Eastwood and Fernando Albericio

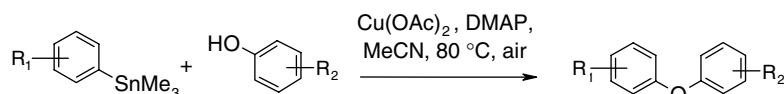


1,3-Dihydro[1,2,5]thiadiazolo[3,4-*b*]pyrazine-2,2-dioxides are obtained in a good yield from the reaction of 2,3-diamino pyrazines with sulfamide under microwave conditions.

**New copper-mediated O-arylations of phenols with arylstannanes**

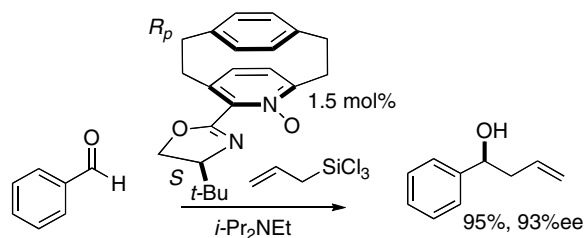
pp 8607–8610

Alexandros Vakalopoulos,\* Xanthoula Kavazoudi and Joachim Schoof

**Asymmetric allylation of aldehydes with allyltrichlorosilane using aza-paracyclophane-oxazoline-*N*-oxide catalysts**

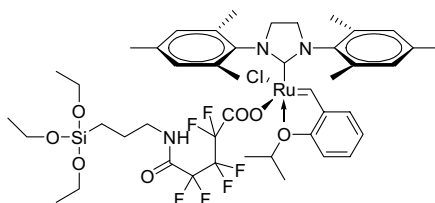
pp 8611–8615

Qiang Chai, Chun Song, Zhijun Sun, Yudao Ma,\* Chanqin Ma, Yong Dai and Merritt B. Andrus\*

**A new stable Hoveyda–Grubbs catalyst with mixed anionic ligands**

pp 8617–8620

Kati Vehlow, Simon Maechling, Katrin Köhler and Siegfried Blechert\*

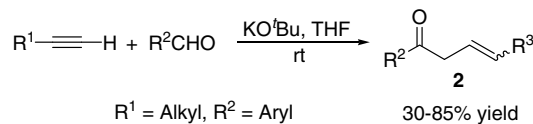


The synthesis of a stable and isolable monocarboxylate ruthenium catalyst is described. The reactivity of the new catalyst was tested in a series of different metathesis reactions.

***t*-BuOK promoted coupling of alkynes and aldehydes: a concise synthetic method of  $\beta,\gamma$ -unsaturated enones**

pp 8621–8623

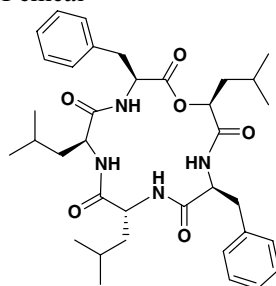
Shao-Hua Wang, Yong-Qiang Tu\* and Min Wang



A KO<sup>t</sup>Bu-promoted coupling reaction of aldehydes and alkynes without a transition-metal catalyst was developed, in which the sequential addition/isomerization processes are involved in one pot. This approach is mild and gives ready access to  $\beta,\gamma$ -unsaturated enones in moderate to good yields.

**Zygosporamide, a cytotoxic cyclic depsipeptide from the marine-derived fungus *Zygosporium masonii*** pp 8625–8628

Dong-Chan Oh, Paul R. Jensen and William Fenical\*



A new cyclic depsipeptide, composed of both D- and L-amino acids, was characterized from a marine-derived isolate of the fungus *Zygosporium masonii*. Zygosporamide possesses highly selective cytotoxicity in numerous cancer cell lines.

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\*Corresponding author

Supplementary data available via ScienceDirect

**COVER**

Recognition of *meso-vic*-diols followed by their asymmetric desymmetrization was achieved by carbamoylation in the presence of copper triflate and (*S,S*)-Ph-BOX as a catalyst without any use of bases in high enantioselectivity with up to 93% ee.

*Tetrahedron Letters* **2006**, *47*, 8453–8456.

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