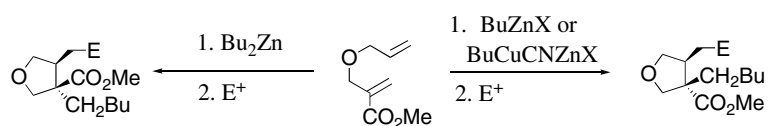


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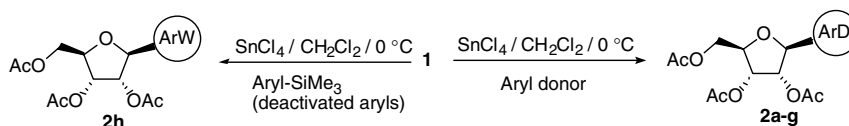
**Radical–polar crossover domino reactions involving organozinc reagents and  $\beta$ -(allyloxy)-enoates** Steven Giboulot, Alejandro Pérez-Luna \*, Candice Botuha, Franck Ferreira, Fabrice Chemla \*

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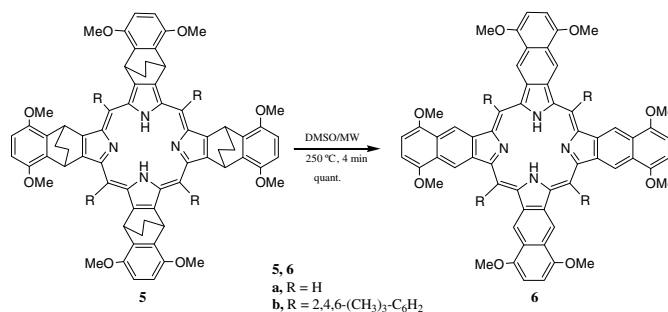
**Friedel–Crafts and modified Vorbrüggen ribosylation. A short synthesis of aryl and heteroaryl-C-nucleosides** Marie Spadafora, Mohamed Mehiri, Alain Burger, Rachid Benhida \*

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**Microwave assisted synthesis of novel annealed porphyrins** Ibrahim Elghamry \*, Lutz F. Tietze

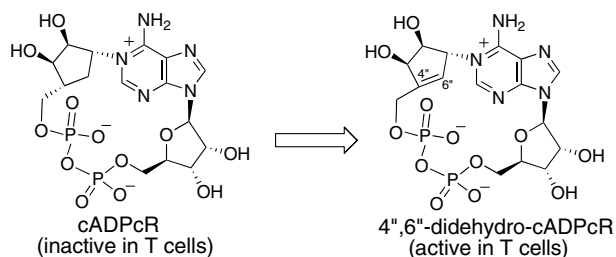
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**Design and synthesis of 4'',6''-unsaturated cyclic ADP-carbocyclic ribose as a Ca<sup>2+</sup>-mobilizing agent**

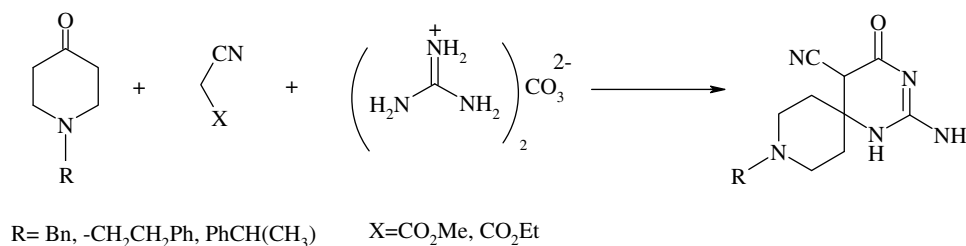
pp 3976–3979

Takashi Kudoh, Karin Weber, Andreas H. Guse, Barry V. L. Potter, Minako Hashii, Haruhiro Higashida, Mitsuhiro Arisawa, Akira Matsuda, Satoshi Shuto \*

**A novel and efficient domino reaction for the one-pot synthesis of spiro-2-aminopyrimidinones**

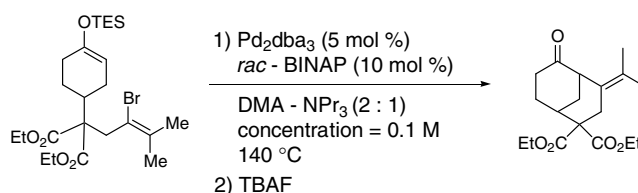
pp 3980–3982

Sorour Ramezanpour, Mehri Seyed Hashtroudi, Hamid Reza Bijanzadeh, Saeed Balalaie \*

**An exceptional palladium-catalyzed alkenylation of silyl enol ether in the absence of a fluoride additive**

pp 3983–3986

Hiroki Shigehisa, Takaaki Jikihara, Osamu Takizawa, Hiromasa Nagase, Toshio Honda \*

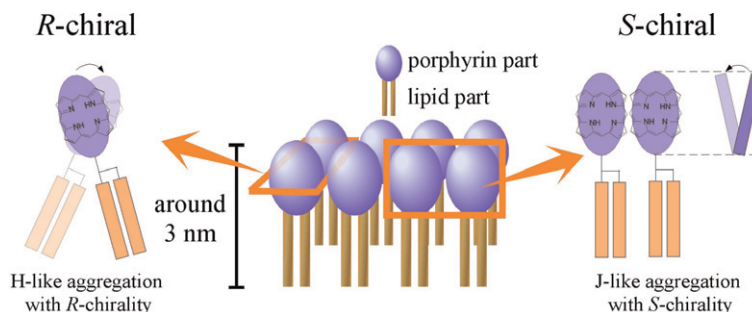


An infrequent intramolecular palladium-catalyzed alkenylation of silyl enol ether in the absence of a fluoride additive was developed leading to a construction of bicyclo[3.3.1]nonane ring system in reasonable yield.

**Molecular organogel-forming porphyrin derivative with hydrophobic L-glutamide**

pp 3987–3990

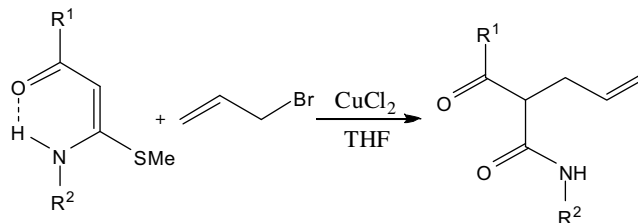
Hirokuni Jintoku, Takashi Sagawa, Tsuyoshi Sawada, Makoto Takafuji, Hiroshi Hachisako, Hirotaka Ihara \*



**Cupric chloride promoted regioselective C-allylation of enaminones**

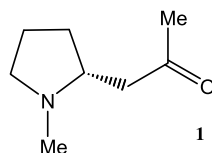
pp 3991–3994

Sarangthem Joychandra Singh, Okram Mukherjee Singh \*

Regioselective C-allylation of enaminones catalysed by cupric chloride to give  $\beta$ -keto allyl enamides is reported.**A short synthesis of (+)-hygrine**

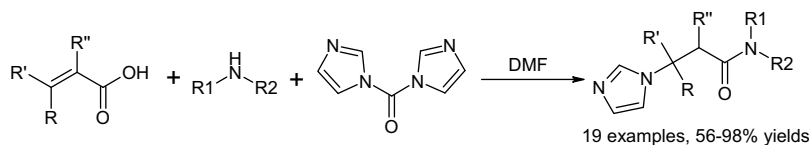
pp 3995–3996

Enzo B. Arévalo-García \*, Juan Carlos Q. Colmenares

**One-pot synthesis of  $\beta$ -imidazolylpropionamides**

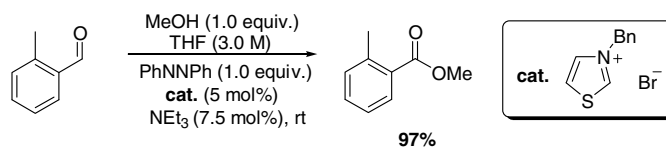
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Sergey V. Ryabukhin \*, Dmitry S. Granat, Pavel V. Khodakovskiy, Alexander N. Shivanyuk, Andrey A. Tolmachev

**Nucleophilic carbene-catalysed oxidative esterification reactions**

pp 4003–4006

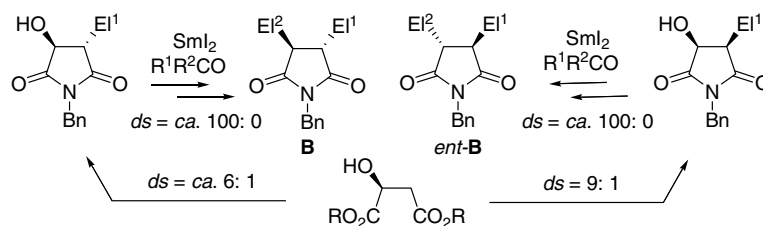
Conor Noonan, Louise Baragwanath, Stephen J. Connon \*



**Enantiodivergent synthesis of *trans*-3,4-disubstituted succinimides by  $\text{SmI}_2$ -mediated Reformatsky-type reaction**

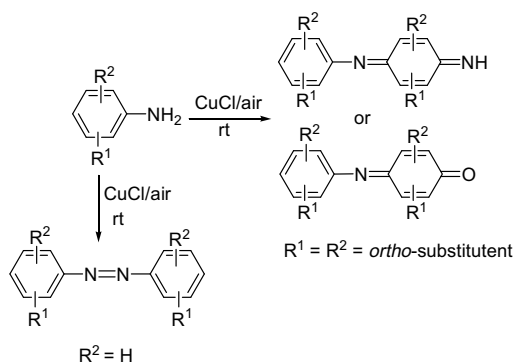
pp 4007–4010

Geng-Jie Lin, Shi-Peng Luo, Xiao Zheng, Jian-Liang Ye, Pei-Qiang Huang \*


**CuCl-catalyzed aerobic oxidative reaction of primary aromatic amines**

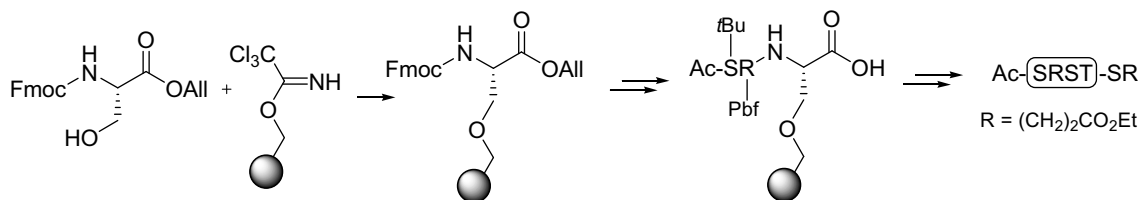
pp 4011–4015

Wenchao Lu, Chanjuan Xi \*


**Preparation of peptide thioesters using Fmoc strategy through hydroxyl side chain anchoring**

pp 4016–4019

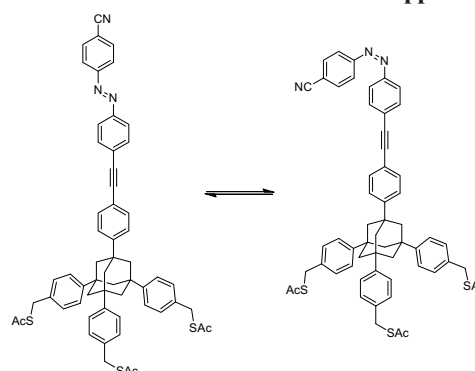
Dominique Lelièvre, Pavel Barta, Vincent Aucagne, Agnès F. Delmas \*


**Synthesis of an azobenzene-linker-conjugate with tetrahedral shape**

pp 4020–4025

Sebastian Zarwell, Karola Rück-Braun \*

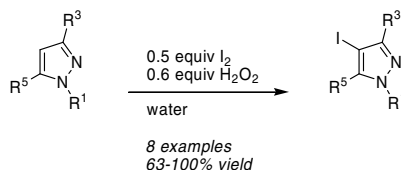
The synthesis and the photochromism of a tripodal linkersystem with an adamantane core unit and an azobenzene headgroup is reported for the preparation of photochromic SAMs on gold surfaces.



**Green iodination of pyrazoles with iodine/hydrogen peroxide in water**

pp 4026–4028

Mary M. Kim \*, Rebecca T. Ruck \*, Dalian Zhao, Mark A. Huffman

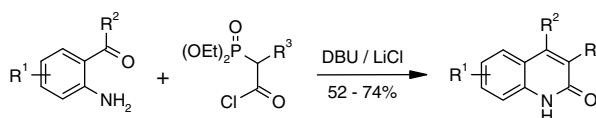


In this Letter, we describe a practical, green iodination of pyrazoles to form the corresponding 4-iodopyrazole derivatives. Substitution was well-tolerated at the 1-, 3-, and 5-positions of the pyrazole ring. The transformation itself takes place in water, using only 0.5 equiv of iodine and 0.6 equiv of hydrogen peroxide, a system that generates water as the only reaction by-product. In six out of eight examples, the 4-iodopyrazole product crystallized directly from the reaction mixture, enabling isolation of the product without employment of any organic solvents.

**A facile Horner–Wadsworth–Emmons route to 2-quinolones**

pp 4029–4032

Jens-Uwe Peters \*, Tony Capuano, Silja Weber, Stéphane Kritter, Matthias Sägger

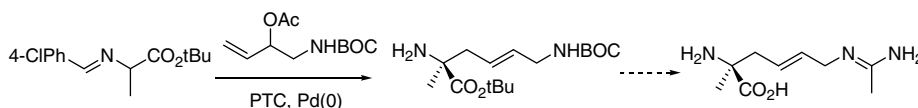


2-Quinolones are prepared by an acylation/HWE olefination sequence, which can be performed as a one-pot reaction. This method is applicable to enolisable aminoketones as starting materials. A wide range of substituents are tolerated.

**A new approach to the synthesis of the carbon framework of SC-84536, an inducible nitric oxide synthase inhibitor**

pp 4033–4035

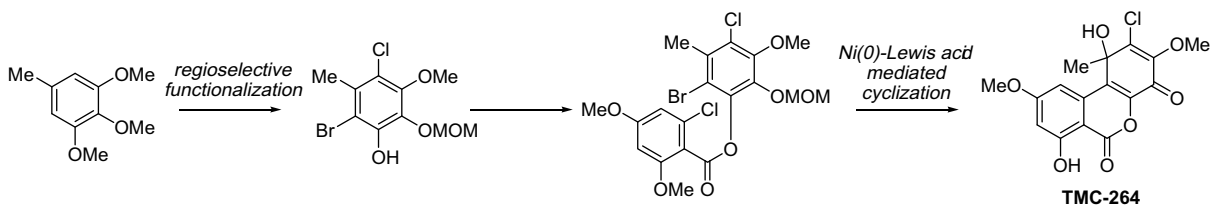
Peter G. M. Wuts \*, Scott A. Ashford



**The first total synthesis and structural determination of TMC-264**

pp 4036–4039

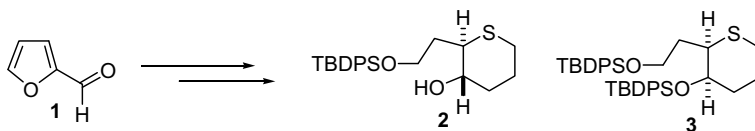
Kuniaki Tatsuta \*, Akiho Furuyama, Tomoe Yano, Yasuaki Suzuki, Takashi Ogura, Seiji Hosokawa \*



### The furan approach to thiacyclic compounds. Stereoselective synthesis of 2,3-disubstituted tetrahydrothiopyrans

pp 4040–4042

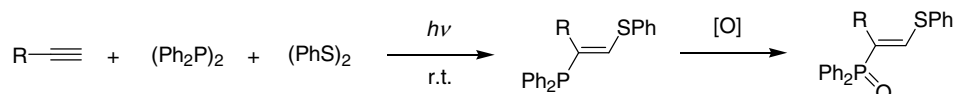
Seila Boullosa, Zoila Gándara, Manuel Pérez, Generosa Gómez \*, Yagamare Fall \*



### Photoinduced highly selective thiophosphination of alkynes using a (PhS)<sub>2</sub>/(Ph<sub>2</sub>P)<sub>2</sub> binary system

pp 4043–4046

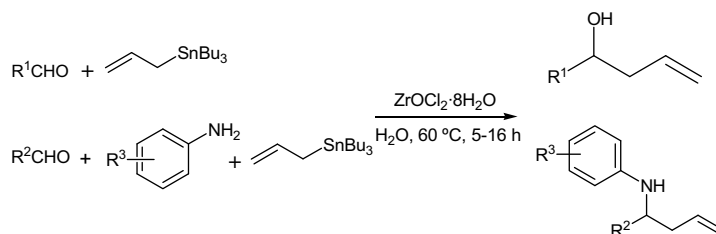
Takamune Shirai, Shin-ichi Kawaguchi, Akihiro Nomoto \*, Akiya Ogawa \*



### Highly efficient synthesis of homoallylic alcohols and amines via allylation of aldehydes and imines catalyzed by ZrOCl<sub>2</sub>·8H<sub>2</sub>O in water

pp 4047–4049

Wei Shen, Li-Min Wang \*, Jian-Jun Feng, He Tian \*



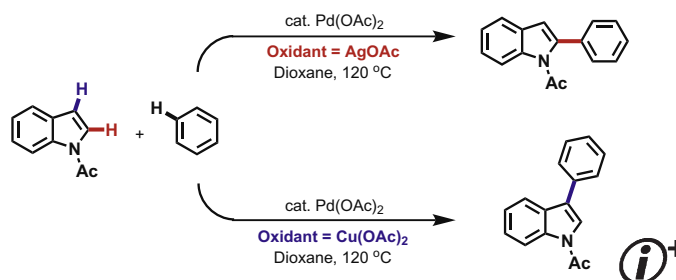
A practical synthesis of homoallylic alcohols and amines through allylation of aldehydes and imines in the presence of ZrOCl<sub>2</sub>·8H<sub>2</sub>O using water as solvent.

### Oxidant-controlled regioselectivity in the oxidative arylation of *N*-acetylindoles

pp 4050–4053

Shathaverdhan Potavathri, Ashley S. Dumas, Timothy A. Dwight, Gregory R. Naumiec, Jeffrey M. Hammann, Brenton DeBoef \*

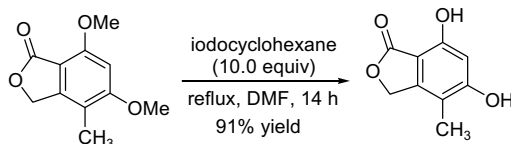
*N*-Acetylindoles can be oxidatively coupled with arenes such as benzene or pentafluorobenzene in dioxane. The use of Cu(OAc)<sub>2</sub> as the stoichiometric oxidant produces selective arylation at the 3-position of indole while AgOAc produces selective arylation at indole's 2-position.



**An efficient method for demethylation of aryl methyl ethers**

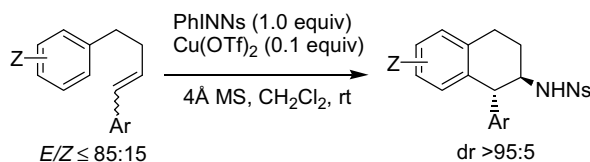
pp 4054–4056

Li Zuo, Shanyan Yao, Wei Wang \*, Wenhu Duan \*

**A one-pot stereoselective synthesis of *trans*-1-aryl-2-aminotetralins from 2-arylethyl styrenes**

pp 4057–4059

Saumen Hajra \*, Biswajit Maji, Debarshi Sinha, Sukanta Bar

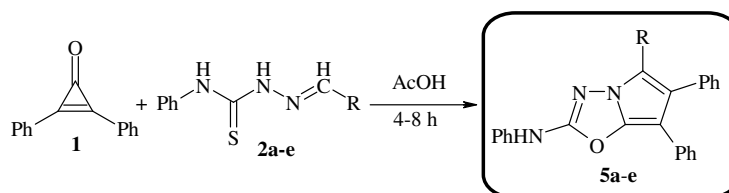


An efficient stereoselective synthesis of *trans*-1-aryl-2-aminotetralins has been achieved via Cu(OTf)<sub>2</sub> catalyzed one-pot aziridination and regioselective intramolecular arylation of in situ generated aziridines from 2-arylethyl styrenes and PhINSO<sub>2</sub>(4-NO<sub>2</sub>C<sub>6</sub>H<sub>4</sub>) [PhINNs]. Reaction of a mixture of *E/Z*-styrenes ( $E/Z \leq 85:15$ ) provided *trans*-*N*-protected-1-aryl-2-aminotetralins with high diastereoselectivity ( $dr > 95:5$ ).

**Chemistry of cyclopropanones: synthesis of new pyrrolo[2,1-*b*]-1,3,4-oxadiazoles**

pp 4060–4062

Ashraf A. Aly \*, Alaa A. Hassan, Mohamed A. Ameen, Alan B. Brown

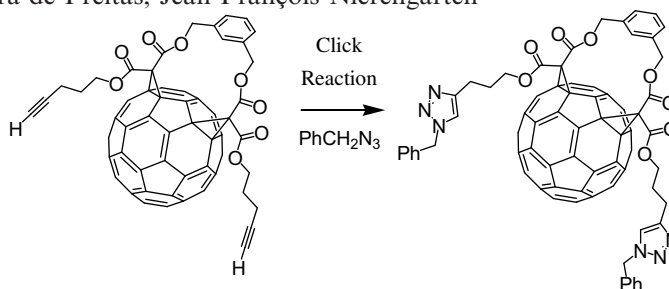


2,3-Diphenylcyclopropanone (**1**) reacts with yliden-*N*-phenylhydrazine-carbothioamides **2a–e** to form the pyrrolo[2,1-*b*]-1,3,4-oxadiazoles **5a–e**.

**Click chemistry with fullerene derivatives**

pp 4063–4066

Julien Iehl, Rossimiriam Pereira de Freitas, Jean-François Nierengarten \*

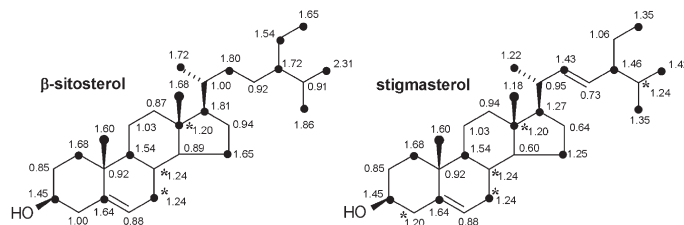


C<sub>60</sub> derivatives bearing either terminal alkyne or azide functional groups have been used as building blocks under the copper-mediated Huisgen 1,3-dipolar cycloaddition conditions leading to 1,2,3-triazole derivatives.

## Biosynthesis of $\beta$ -sitosterol and stigmasterol proceeds exclusively via the mevalonate pathway in cell suspension cultures of *Croton stellatopilosus*

pp 4067–4072

Damrong Kongduang, Juraithip Wungsintaweekul, Wanchai De-Eknamkul \*

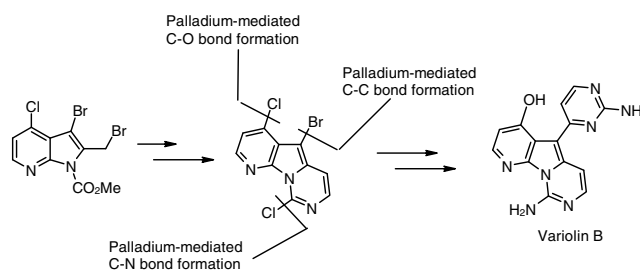


Feeding [ $1-^{13}\text{C}$ ]glucose into the disorganized cells of *Croton stellatopilosus* suspension cultures led to labeling patterns in  $\beta$ -sitosterol and stigmasterol that are consistent with the acquisition of isoprene units via exclusively the mevalonate pathway.

## Palladium-mediated C–N, C–C, and C–O functionalization of azolopyrimidines: a new total synthesis of variolin B

pp 4073–4077

Alejandro Baeza, Javier Mendiola, Carolina Burgos \*, Julio Alvarez-Builla, Juan J. Vaquero \*



\*Corresponding author

Supplementary data available via ScienceDirect

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