

Tetrahedron Letters Vol. 51, No. 48, 2010

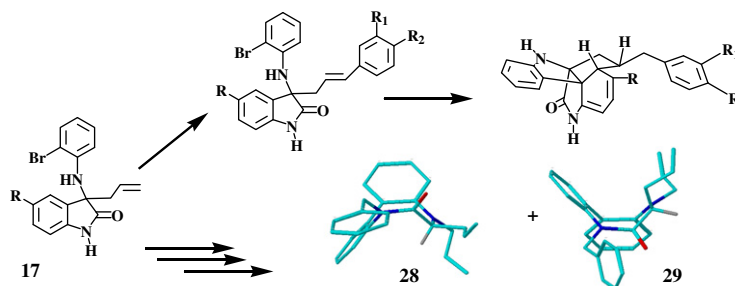
Contents

COMMUNICATIONS

Synthesis and atropisomerism of 2,2'-ortho disubstituted biphenyls

pp 6213–6215

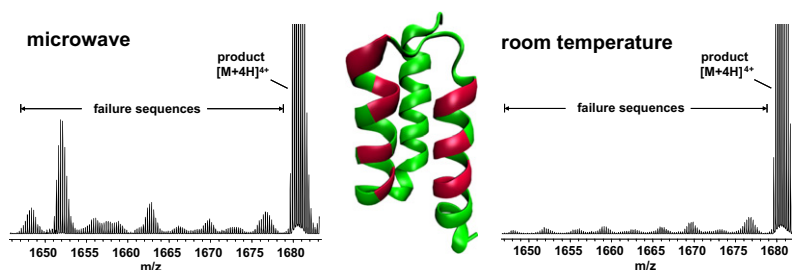
C. H. Wang*, J. Reilly, N. Brand, S. Schwartz, S. Alluri, T. M. Chan, A. V. Buevich, A. K. Ganguly*



Hot or not—the influence of elevated temperature and microwave irradiation on the solid phase synthesis of an affibody

pp 6216–6219

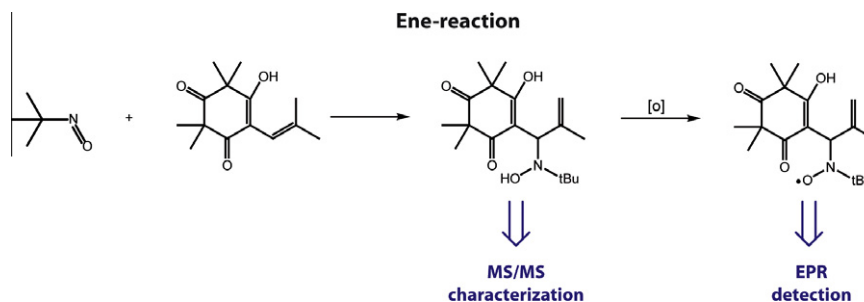
Felix Nissen, Thomas E. Kraft, Thomas Ruppert, Michael Eisenhut, Uwe Haberkorn, Walter Mier*



Ene-reaction between a dienolic compound and 2-methyl-2-nitrosopropane: an EPR-MS study

pp 6220–6223

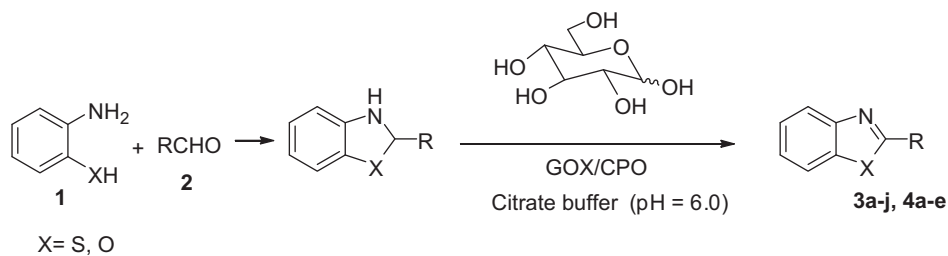
Mathilde Triquigneaux, Laurence Charles, Christiane André-Barrès, Béatrice Tuccio*



Bienzymatic synthesis of benzothia/(oxa)zoles in aqueous medium

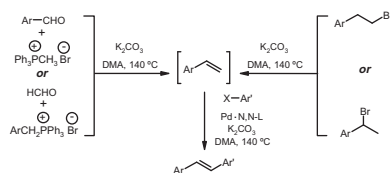
pp 6224–6226

Atul Kumar*, Siddharth Sharma, Ram Awatar Maurya

**One-pot synthesis of stilbenes by dehydrohalogenation–Heck olefination and multicomponent Wittig–Heck reaction**

pp 6227–6231

Akeel S. Saiyed, Ashutosh V. Bedekar*

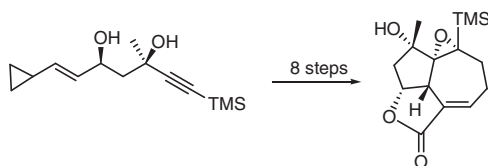


A variant of olefination reaction involving in situ generation of styrene by one-pot dehydrohalogenation–Heck or multi component Wittig–Heck reaction is developed.

Synthesis of a tricyclic core of rameswaralide

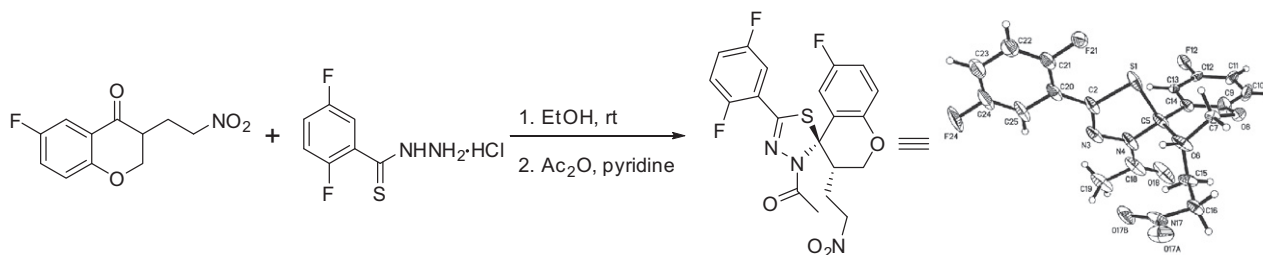
pp 6232–6235

Barry M. Trost*, Hien M. Nguyen, Christopher Koradin

**Synthesis, determination of absolute configuration, and biological evaluation of spiro-fused thiaziazoline inhibitors of kinesin spindle protein (KSP)**

pp 6236–6239

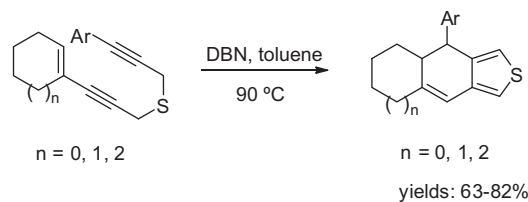
Angie R. Angeles*, Liping Yang, Chaoyang Dai, Andrew Brunskill, Andrea D. Basso, M. Arshad Siddiqui



Sulfur-assisted propargyl–allenyl isomerizations and intramolecular cyclization for the synthesis of tricyclic thiophene derivatives

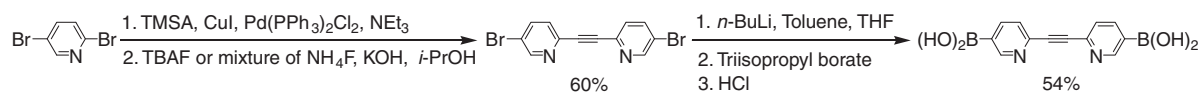
pp 6240–6242

Guangyu Xu, Kaixiong Chen, Hongwei Zhou*

**One-pot synthesis of 5,5'-dibromo-2,2'-dipyridylacetylene and its boronic acid derivative**

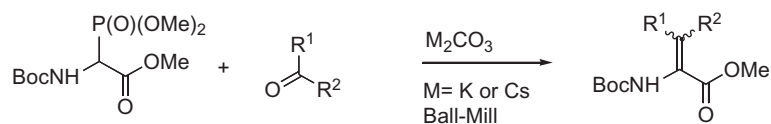
pp 6243–6245

Hyung Joon Jeon, Jung Hoon Choi, Jeung Ku Kang*

**Solvent-free synthesis of unsaturated amino esters in a ball-mill**

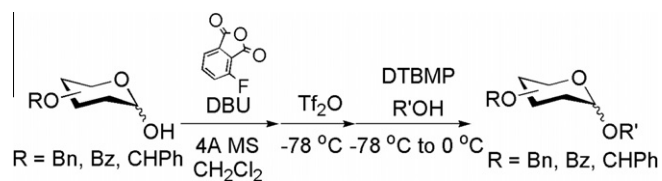
pp 6246–6249

Alice Baron, Jean Martinez, Frédéric Lamaty*

**Direct glycosylation with anomeric hydroxy sugars by activation with 3-fluorophthalic anhydride and trifluoromethanesulfonic anhydride**

pp 6250–6254

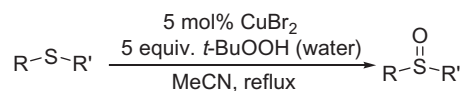
Ju Yuel Baek, Bo-Young Lee, Rita Pal, Won-Yong Lee, Kwan Soo Kim*



Cu(II)-catalyzed oxidation of sulfides

pp 6255–6258

Rima Das, Debashis Chakraborty*

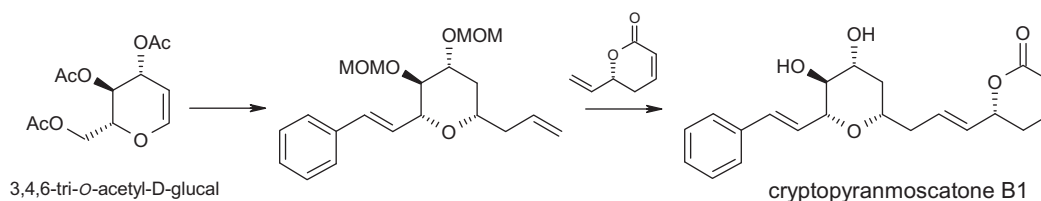


An inexpensive and efficient method for the oxidation of a variety of aromatic and aliphatic sulfides with 70% *t*-BuOOH as oxidant in the presence of catalytic amounts of CuBr₂ is described.

**Total synthesis of cryptopyranmoscatone B1 from 3,4,6-tri-O-acetyl-D-glucal**

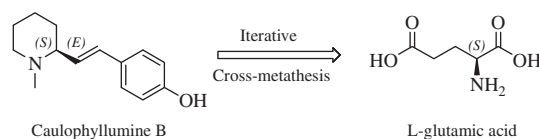
pp 6259–6261

Gowravaram Sabitha*, S. Siva Sankara Reddy, J. S. Yadav

**Stereoselective total synthesis of alkaloid caulophyllumine B using iterative olefin cross-metathesis protocol**

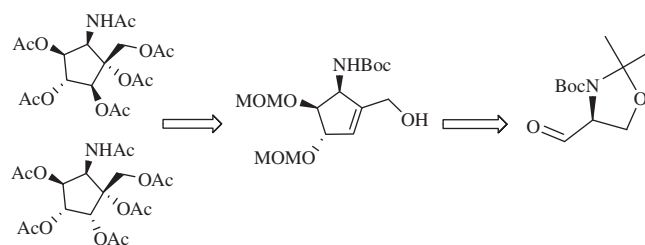
pp 6262–6264

Palakodety Radha Krishna*, Bonepally Karunakar Reddy

**Stereoselective synthesis of aminocyclitol moieties of trehalozin and trehalostatins via enyne metathesis protocol**

pp 6265–6267

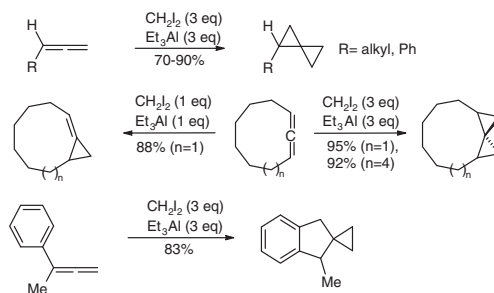
Palakodety Radha Krishna*, Munagala Alivelu



Aluminum carbenoids in allene cyclopropanation

pp 6268–6269

Ilfir R. Ramazanov*, Alsu V. Yaroslavova, Usein M. Dzhemilev, Oleg M. Nefedov

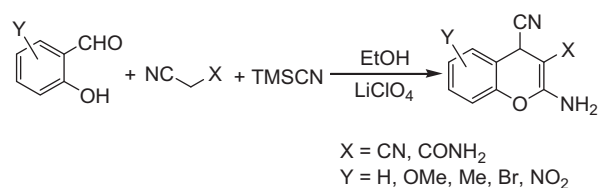


The reactions of aluminum carbenoids with alkyl- and phenyl-substituted allenes and cyclic allenes are studied.

New HA 14-1 analogues: synthesis of 2-amino-4-cyano-4H-chromenes

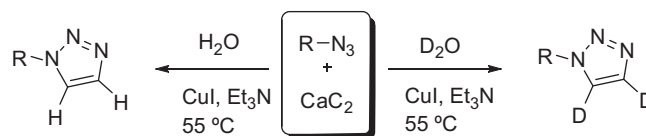
pp 6270–6274

Leila Moafi, Somayeh Ahadi, Ayoob Bazgir*

**Efficient synthesis of deuterated 1,2,3-triazoles**

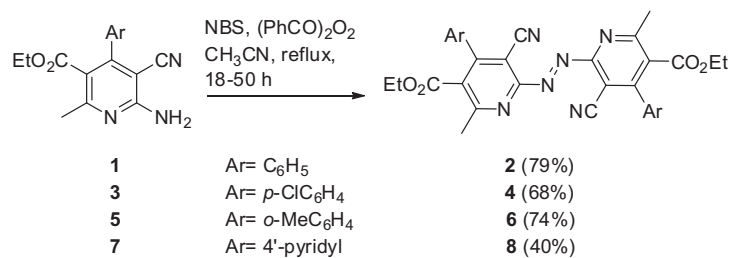
pp 6275–6277

Zsombor Gonda, Krisztián Lőrincz, Zoltán Novák*

**Synthesis of (E)-diethyl 6,6'-(diazene-1,2-diyl)bis(5-cyano-2-methyl-4-phenylnicotinates), a new type of 2,2'-azopyridine dyes**

pp 6278–6281

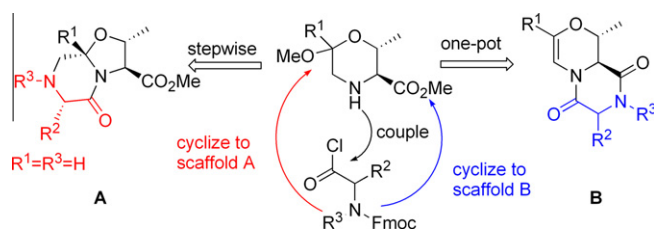
Daniel Botelho da Silva, Abdelouahid Samadi, Lourdes Infantes, María do Carmo Carreiras, José Marco-Contelles*



Skeletal diversity by sequential one-pot and stepwise routes using morpholine ester scaffolds

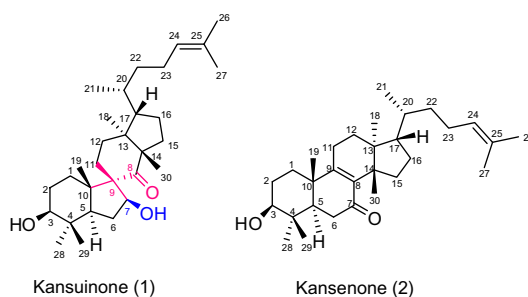
pp 6282–6285

Leonardo Ciofi, Manfredi Morvillo, Filippo Sladojevich, Antonio Guarna, Andrea Trabocchi*

**Kansuinone, a novel euphane-type triterpene from *Euphorbia kansui***

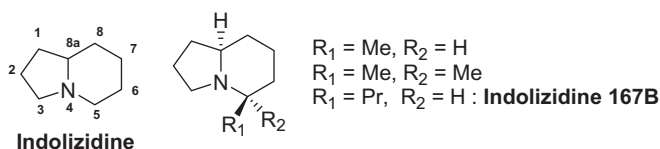
pp 6286–6289

Jie Guo, Hong-Ping He, Xin Fang, Ying-Tong Di, Shun-Lin Li, Zhen Zhang, Ying Leng, Hui-Ming Hua*, Xiao-jiang Hao*

**Straightforward synthesis of indolizidine alkaloid 167B**

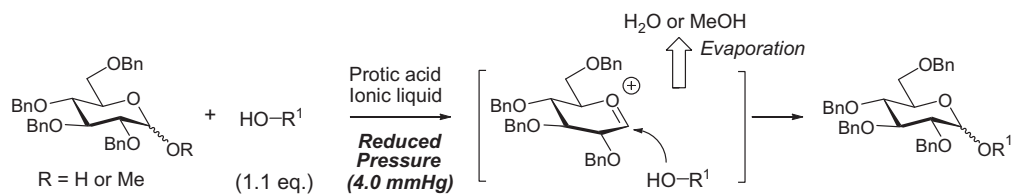
pp 6290–6293

Stéphanie Gracia, Rudolf Jerpan, Stéphane Pellet-Rostaing*, Florence Popowycz, Marc Lemaire*

**A novel glycosylation of inactive glycosyl donors using an ionic liquid containing a protic acid under reduced pressure conditions**

pp 6294–6297

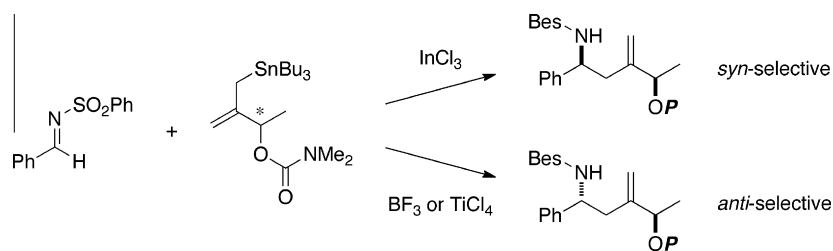
Yasutaka Kuroiwa, Maiko Sekine, Satoshi Tomono, Daisuke Takahashi, Kazunobu Toshima*



Binary 1,4-asymmetric induction toward imines from a single allyltin reagent with a chiral oxygen functional group

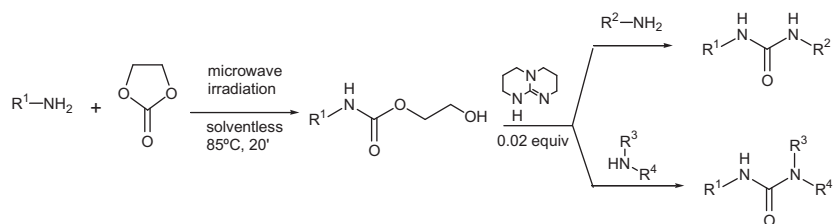
pp 6298–6300

Yutaka Nishigaichi*, Takahiro Fujimoto, Akio Takuwa, Hidetoshi Iwamoto

**Organocatalyzed synthesis of ureas from amines and ethylene carbonate**

pp 6301–6304

Francesco Saliu*, Bruno Rindone

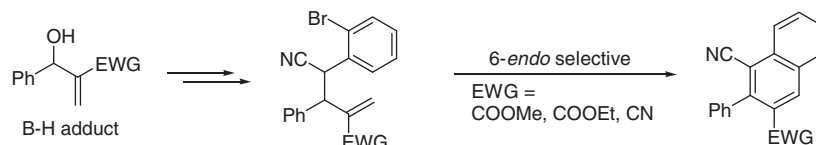


Disubstituted and trisubstituted ureas were synthesized from ethylene carbonate and amines under solventless conditions using organic bases as catalysts.

Regioselective synthesis of poly-substituted naphthalenes via a Pd-catalyzed cyclization of modified Baylis–Hillman adducts: selective 6-endo Heck reaction and an aerobic oxidation cascade

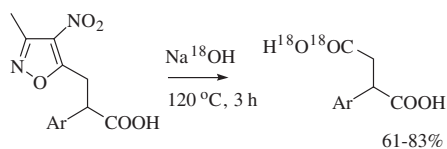
pp 6305–6309

Se Hee Kim, Sangku Lee, Hyun Seung Lee, Jae Nyoung Kim*

**Preparation of mono-labelled aliphatic polyacids via isoxazole derivatives**

pp 6310–6312

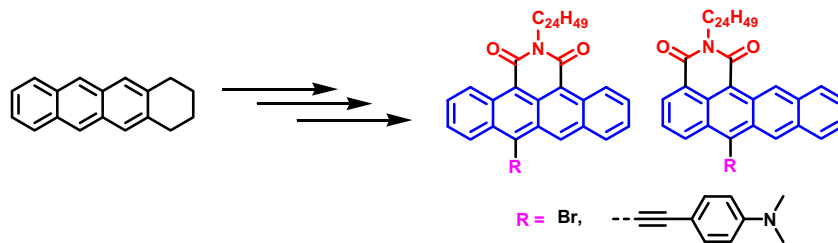
Mauro F. A. Adamo*, Piero Sarti-Fantoni, Stefano Chimichi, Alessandro Sandrelli



Synthesis of functionalized tetracene dicarboxylic imides

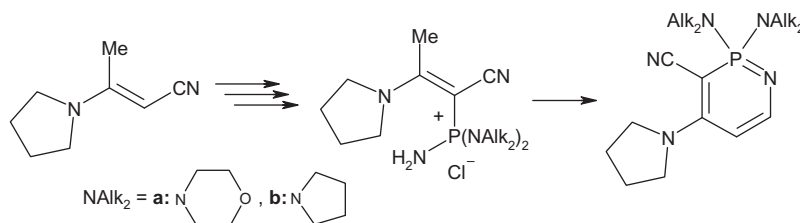
pp 6313–6315

Jun Yin, Kai Zhang, Chongjun Jiao, Jinling Li, Chunyan Chi, Jishan Wu*

**An approach to the synthesis of 1,2λ⁵-azaphosphinines**

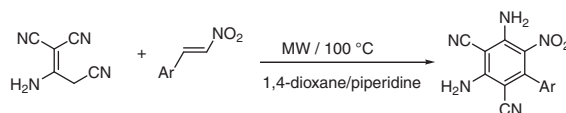
pp 6316–6318

Yurii V. Svyaschenko, Dmitriy M. Volochnyuk, Aleksandr N. Kostyuk*

**A novel method for the synthesis of polysubstituted diaminobenzonitrile derivatives using controlled microwave heating**

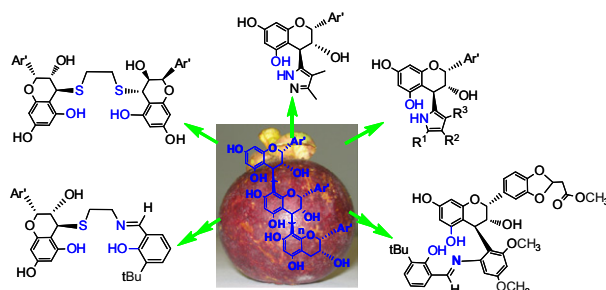
pp 6319–6321

Kamal Usef Sadek*, Raafat M. Shaker, Mohamed Abd Elrady, Mohamed Hilmy Elnagdi

**Sustainability from agricultural waste: chiral ligands from oligomeric proanthocyanidins via acid-mediated depolymerization**

pp 6322–6324

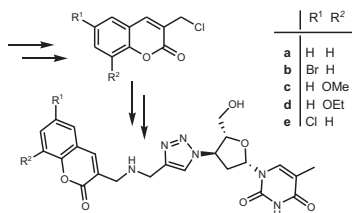
Caili Fu, Wei Chen, Yi Ling Quek, Runyan Ni, Amylia Bte Abdul Ghani, Wendy Wen Yi Leong, Huaqiang Zeng, Dejian Huang*



Towards the synthesis of coumarin derivatives as potential dual-action HIV-1 protease and reverse transcriptase inhibitors

pp 6325–6328

Temitope O. Olomola, Rosalyn Klein, Kevin A. Lobb, Yasien Sayed, Perry T. Kaye*

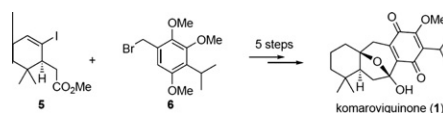


Baylis–Hillman-derived 3-(chloromethyl)coumarins have been elaborated to afford coumarin–AZT conjugates as scaffolds for the development of potential dual-action HIV-1 PR/RT inhibitors.

A short and efficient asymmetric synthesis of komaroviquinone

pp 6329–6330

Yutaka Suto*, Kento Kaneko, Noriyuki Yamagiwa, Genji Iwasaki

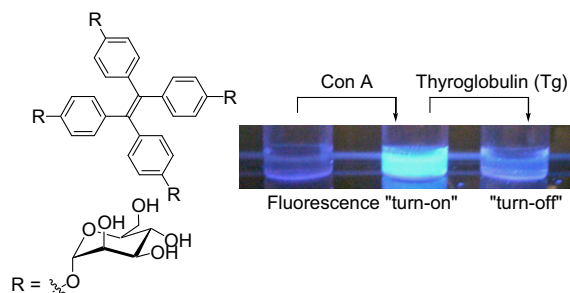


An asymmetric total synthesis of komaroviquinone (**1**), which is a natural product isolated from *Dracocephalum komarovi* and shows novel potent trypanocidal activity, was achieved in five steps from the known starting materials. The synthetic route is shorter and more efficient than the reported methods and also useful for the scale-up synthesis.

**A displacement assay for the sensing of protein interactions using sugar–tetraphenylethene conjugates**

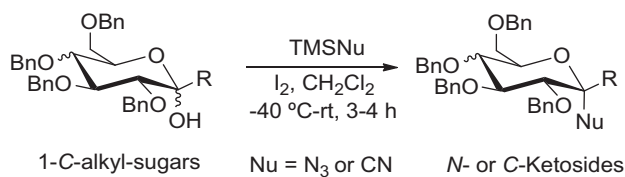
pp 6331–6333

Kentarō Shiraishi, Takanobu Sanji*, Masato Tanaka*

**Molecular iodine-promoted N- and C-glycosylation of 1-C-alkyl (or phenyl)-glycopyranoses**

pp 6334–6337

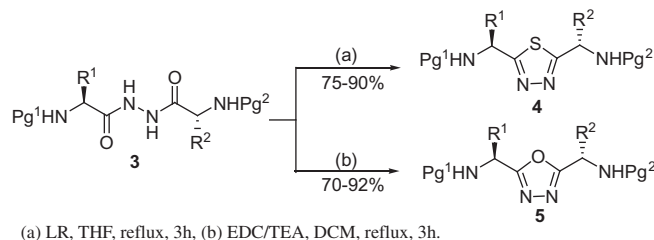
A. P. John Pal, Asadulla Mallick, Y. Suman Reddy, Yashwant D. Vankar*



A convenient synthesis of 1,3,4-thiadiazole and 1,3,4-oxadiazole based peptidomimetics employing diacylhydrazines derived from amino acids

pp 6338–6341

G. Nagendra, Ravi S. Lamani, N. Narendra, Vommina V. Sureshbabu*



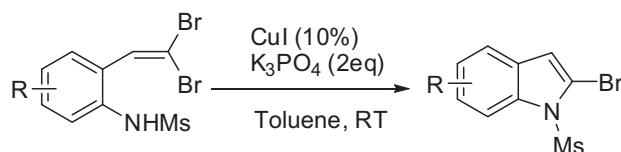
(a) LR, THF, reflux, 3h, (b) EDC/TEA, DCM, reflux, 3h.

Synthesis of orthogonally protected 1,3,4-thiadiazole and 1,3,4-oxadiazole tethered dipeptide mimetics through a common intermediate, peptidyl diacylhydrazines is described. 1,3,4-Thiadiazoles are synthesized by dehydrosulfurization using Lawesson's reagent while 1,3,4-oxadiazoles are obtained by the EDC mediated cyclodehydration.

Facile synthesis of 2-bromoindoles by ligand-free CuI-catalyzed intramolecular cross-coupling of *gem*-dibromoolefins

pp 6342–6344

Baishan Jiang, Kemei Tao, Wang Shen*, Jiancun Zhang*



A mild and efficient synthesis of 2-bromoindoles by ligand-free CuI-catalyzed intramolecular cross-coupling of *gem*-dibromoolefins was developed. Reactions were carried out in toluene at room temperature and the corresponding 2-bromoindoles were obtained in excellent yields.

Chemoselective deprotection of silyl ethers by DIBALH

pp 6345–6348

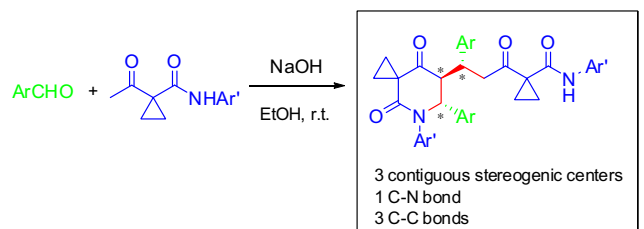
Takefumi Kuranaga, Shuji Ishihara, Naohito Ohtani, Masayuki Satake*, Kazuo Tachibana*



Domino reaction of arylaldehydes and 1-acetylcyclopropanecarboxamides: one-pot access to highly functionalized spiro piperidine-2,4-diones

pp 6349–6352

Jing Liu, Shaoxia Lin, Hongqian Ding, Ying Wei, Fushun Liang*



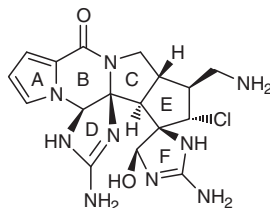
/ = bonds made in this one-pot procedure



Study on the absolute configuration of (–)-palauamine

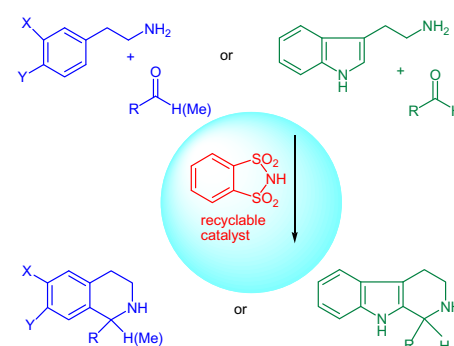
pp 6353–6355

Thomas Lindel*, Delphine E. N. Jacquot, Michael Zöllinger, Robin B. Kinnel, Shayna McHugh, Matthias Köck

***o*-Benzenedisulfonimide as a reusable acid catalyst for an easy, efficient, and green synthesis of tetrahydroisoquinolines and tetrahydro- β -carbolines through Pictet–Spengler reaction**

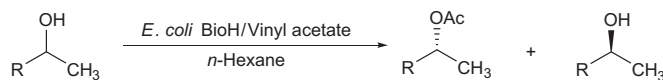
pp 6356–6359

Margherita Barbero, Stefano Bazzi, Silvano Cadamuro, Stefano Dughera*

*o*-Benzenedisulfonimide catalyzed synthesis of tetrahydroisoquinolines and tetrahydro- β -carbolines.***Escherichia coli* BioH: a highly enantioselective and organic solvent tolerant esterase for kinetic resolution of *sec*-alcohols**


pp 6360–6364

Bo Wang, Xiaoling Tang, Ji Liu, Hongwei Yu*

An organic solvent tolerant esterase was found exhibiting high enantioselectivity for kinetic resolution of *sec*-alcohols and a variety of *sec*-alcohols were efficiently resolved with ee values of up to 99%.**OTHER CONTENT****Corrigendum**

p 6365

*Corresponding author

 Supplementary data available via ScienceDirect

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