

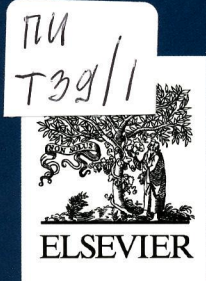
Vol. 54 · Issue 34 · 21 August 2013 · ISSN 0040-4039

Tetrahedron Letters

THE INTERNATIONAL JOURNAL FOR THE RAPID PUBLICATION OF ALL
PRELIMINARY COMMUNICATIONS IN ORGANIC CHEMISTRY

Available online at www.sciencedirect.com

SciVerse ScienceDirect



Tetrahedron Letters Vol. 54, Issue 34, 2013

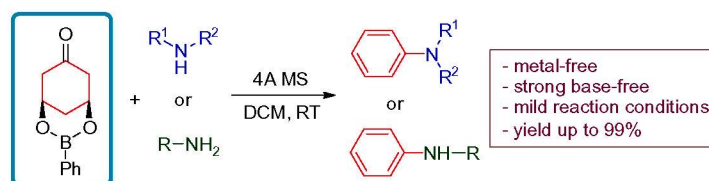
Contents

COMMUNICATIONS

A mild and catalyst-free aromatization using dihydroxycyclohexanone derivatives as phenyl sources: a new approach to anilines

pp 4505–4508

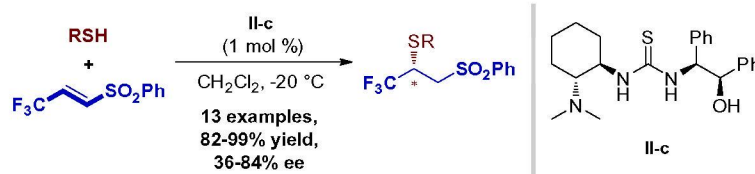
Jun Luo*, Enwei Ji, Jingyuan Ye, Runze Wu, Lei Qiu



Organocatalytic asymmetric sulfa-Michael addition of thiols to *trans*-3,3,3-trifluoropropenyl phenyl sulfone

pp 4509–4511

Xin Fang, Xiu-Qin Dong, Yuan-Yuan Liu, Chun-Jiang Wang*



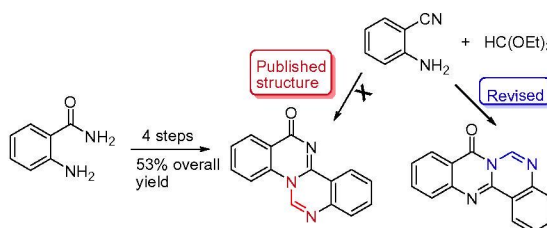
The first asymmetric sulfa-Michael addition of thiols to *trans*-3,3,3-trifluoropropenyl phenyl sulfone for the construction of a unique stereogenic center bearing a trifluoromethyl group and a sulfur atom has been achieved in high yields and moderate to good enantioselectivities with 1 mol % bifunctional amine–thiourea catalyst.



13H-Quinazolino[3,4-a]quinazolin-13-one: synthesis and structural revision

pp 4512–4514

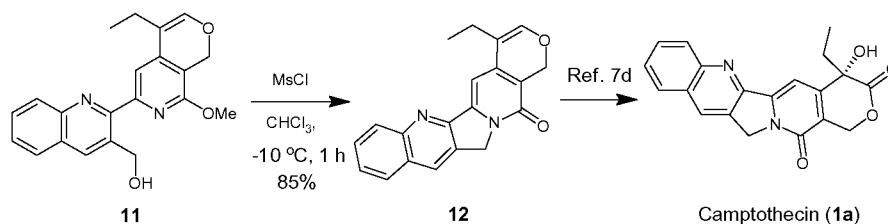
Somepalli Venkateswarlu*, Meka Satyanarayana, Pasupuleti Ravikiran, Anupaju Vijayakumar



Highly facile approach to the formal total synthesis of camptothecin

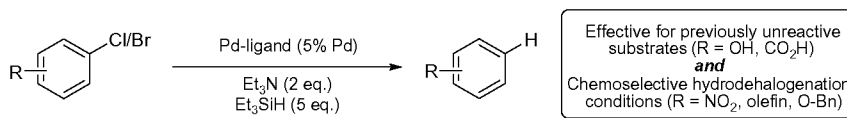
pp 4515–4517

Changqing Wei, Zhihui Jiang, Shujuan Tian, Dazhi Zhang*

**Expanding the scope of silane-mediated hydrodehalogenation reactions**

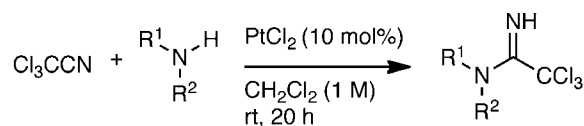
pp 4518–4521

Gary M. Noonan*, Barry R. Hayter, Andrew D. Campbell, Timothy W. Gorman, Benjamin E. Partridge, Gill M. Lamont

**Platinum-catalysed synthesis of trichloroamidines**

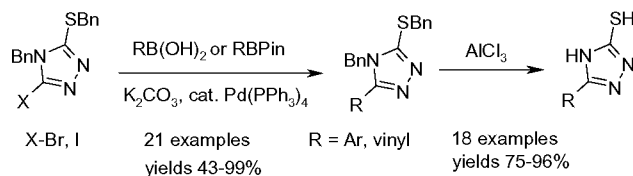
pp 4522–4523

Jay J. Dunsford, Jason E. Camp*

**Synthesis of 5-substituted 3-mercapto-1,2,4-triazoles via Suzuki–Miyaura reaction**

pp 4524–4525

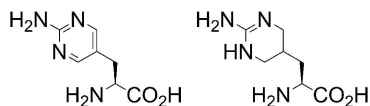
Sarmite Katkevica, Pavlo Salun, Aigars Jirgensons*



Asymmetric synthesis of aminopyrimidine and cyclic guanidine amino acids

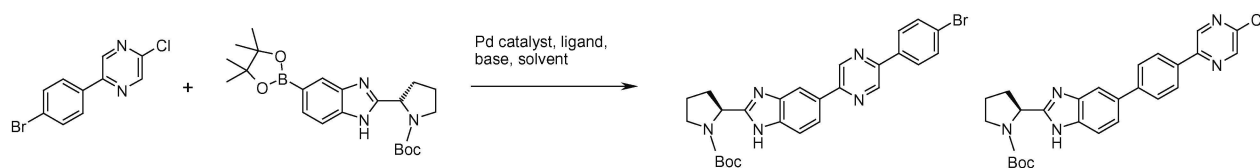
pp 4526–4528

Vicki D. Möschwitzer, Benson M. Kariuki, James E. Redman*

**Catalyst controlled regioselective Suzuki cross-coupling of 2-(4-bromophenyl)-5-chloropyrazine**

pp 4529–4532

Christopher P. Ashcroft*, Steven J. Fussell*, Katie Wilford

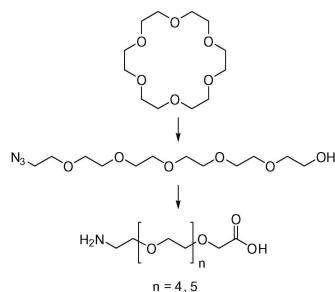


The Suzuki cross-coupling between 2-(4-bromophenyl)-5-chloropyrazine and a range of aryl boronic acids has been investigated. The regioselectivity of the reaction can be switched between the aryl bromide and pyrazinyl chloride positions by changing the ligand associated with the palladium catalyst. Xantphos has shown excellent selectivity for the pyrazinyl chloride, with most other ligands showing preferential selectivity for the aryl bromide.

**An easy access to asymmetrically substituted oligoethylene glycols from 18-crown-6**

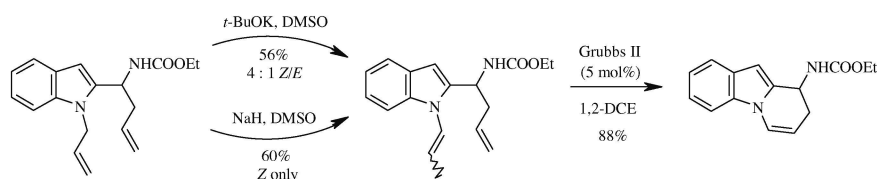
pp 4533–4535

Polina I. Abronina, Alexander I. Zinin, Anna V. Orlova, Sergey L. Sedinkin, Leonid O. Kononov*

**Indirect N-vinylation of indoles via isomerisation of N-allyl derivatives: synthesis of (±)-debromoarborescidine B**

pp 4536–4539

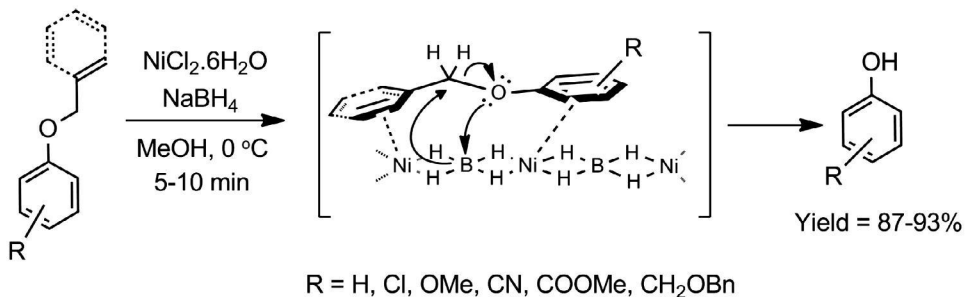
Gordana Tasic, Milena Simic, Stanimir Popovic, Suren Husinec, Veselin Maslak, Vladimir Savic*



NiCl₂·6H₂O/NaBH₄ in methanol: a mild and efficient strategy for chemoselective deallylation/debenzylation of aryl ethers

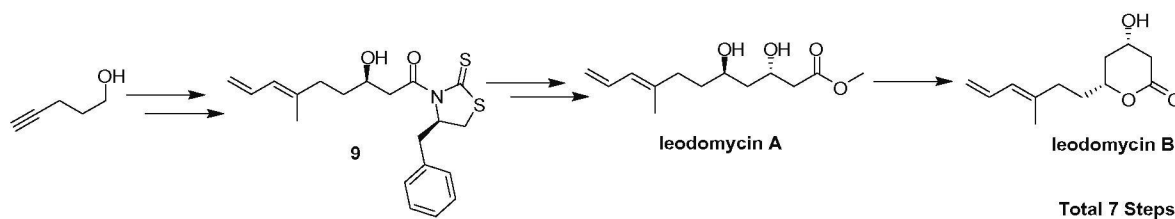
pp 4540–4543

Mangilal Chouhan, Kapil Kumar, Ratnesh Sharma, Vikas Grover, Vipin A. Nair*

**Protection-free, short, and stereoselective synthesis of leodomycin A and B**

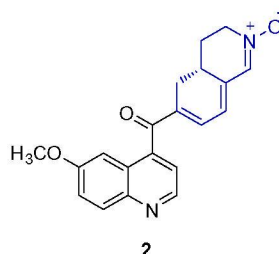
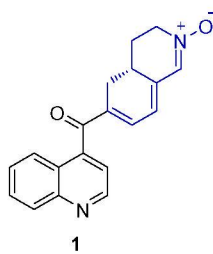
pp 4544–4546

N. Nageswara Rao, H. M. Meshram*

**Cincholenines A and B, two unprecedented quinoline alkaloids from *Cinchona ledgeriana***

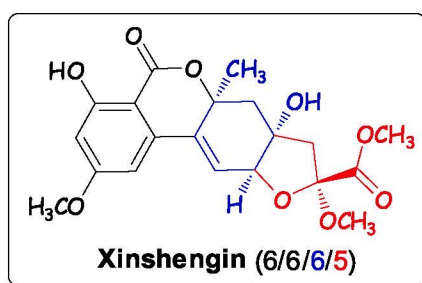
pp 4547–4550

Gui-Guang Cheng, Yu Zhang, Xiang-Hai Cai, Mei-Fen Bao, Ji Gu, Yan Li, Ning Liu, Ya-Ping Liu*, Xiao-Dong Luo*

**Xinshengin, the first altenusin with tetracyclic skeleton core from *Phialophora* spp.**

pp 4551–4554

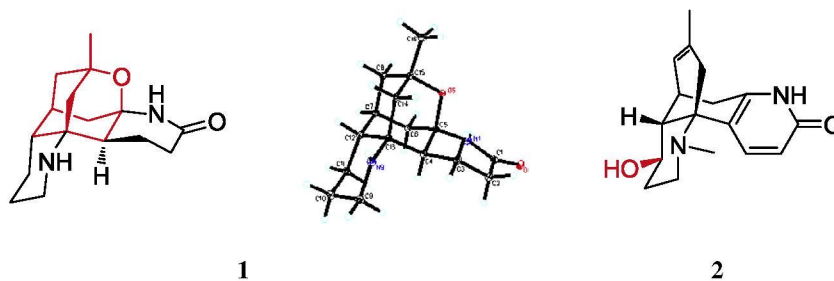
Feng Ye, Guo-Dong Chen, Jun-Wei He, Xiao-Xia Li, Xiang Sun, Liang-Dong Guo, Yan Li, Hao Gao*



Casuarines A and B, *Lycopodium* alkaloids from *Lycopodium casuarinoides*

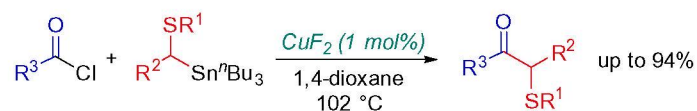
pp 4555–4557

Fei Liu, Xing-De Wu, Juan He, Xu Deng, Li-Yan Peng, Huai-Rong Luo, Qin-Shi Zhao*

**Copper-catalyzed cross-coupling reaction of α -sulfur-substituted alkylstannanes with acid chlorides**

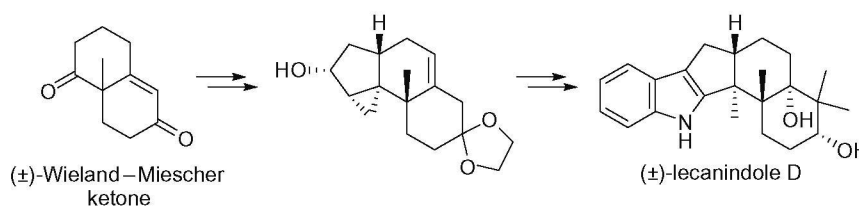
pp 4558–4560

Hirotaka Kagoshima*, Naoshi Takahashi

**Synthesis of (\pm)-lecanindole D**

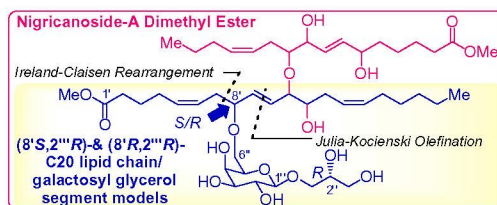
pp 4561–4563

Akiko Asanuma, Masaru Enomoto, Tomohiro Nagasawa, Shigefumi Kuwahara*

**A stereoselective method for the construction of the C8'–O–C6'' ether of nigricanosiide-A: synthesis of simple models for the C20 lipid chain/galactosyl glycerol segment**

pp 4564–4567

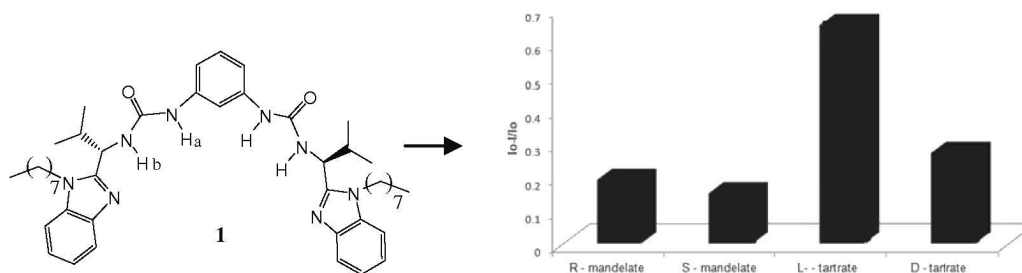
Naoto Kinashi, Kenshu Fujiwara*, Takayuki Tsunoda, Ryo Katoono, Hidetoshi Kawai, Takanori Suzuki



L-Valine derived benzimidazole based bis-urea in enantioselective fluorescence sensing of L-tartrate

pp 4568–4573

Kumaresh Ghosh*, Tanmay Sarkar

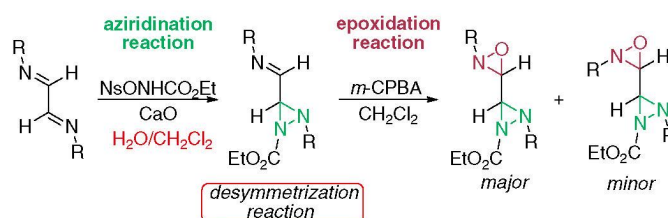


The bis-urea **1** is found to act as enantioselective chemosensor for tartrate. The sensor shows greater fluorescence response for L-tartrate in DMSO. The enantiomeric fluorescence difference ratio (*ef*) has been determined to be 2.46.

**Desymmetrization of α -diimines: synthesis of new 3-(diaziridin-3-yl)oxaziridines**

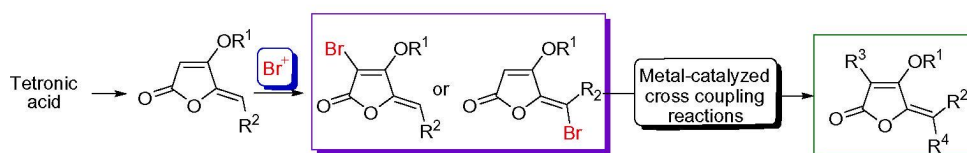
pp 4574–4576

Emanuele Aresu, Laura Carroccia, Stefania Fioravanti*, Lucio Pellacani

**Regioselective bromination of tetronic acid-derived γ -lactones and metal-catalyzed post-functionalization: an efficient access to new γ -ylidenetetronate derivatives**

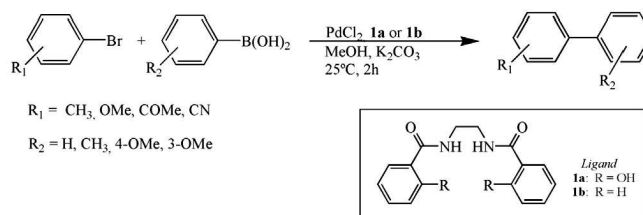
pp 4577–4581

Shinya Iikawa, Nicolas Chopin, Guillaume Pilet, Jean-Philippe Bouillon, Maurice Médebielle*

**Bisamides as ligands in Suzuki coupling reactions catalyzed by palladium**

pp 4582–4584

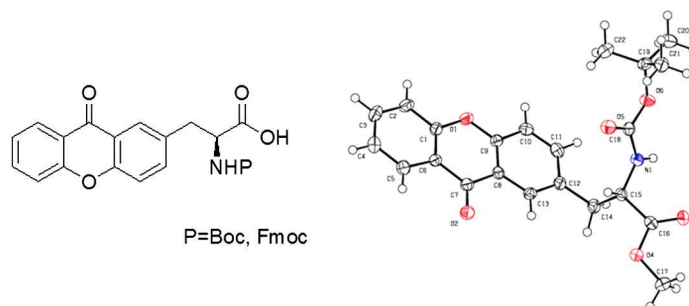
Daniel P. da Costa, Sabrina M. Nobre*



Synthesis and fluorescence of xanthone amino acids

pp 4585–4587

Christian Hoppmann*, Ulrike Alexiev, Elisabeth Irran, Karola Rück-Braun*

**OTHER CONTENTS**

Corrigendum to “An effective one-pot conversion of acid chlorides to aldehydes and ketones” [*Tetrahedron Lett.* 54 (2013), 3199–3203]

p 4588

Jae Kyo Park, Won Kyu Shin, Duk Keun An*

Corrigendum to “Two concise total syntheses of the wasabi phytoalexin methyl 1-methoxyindole-3-carboxylate” [*Tetrahedron Lett.* 54 (2013) 3124–3126]

p 4589

Bing Li, John D. Williams, Norton P. Peet*

*Corresponding author

Supplementary data available via SciVerse ScienceDirect

Abstracted/indexed 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. Also covered in the abstract and citation database SciVerse Scopus[®]. Full text available on SciVerse ScienceDirect[®]



ELSEVIER

Available online at www.sciencedirect.com**SciVerse ScienceDirect**

ISSN 0040-4039