

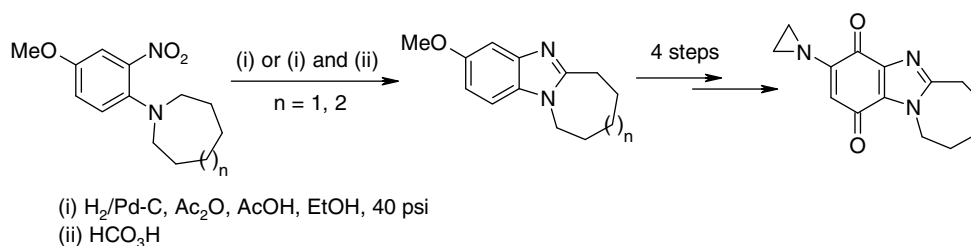
Tetrahedron Letters Vol. 49, No. 36, 2008

Contents

COMMUNICATIONS

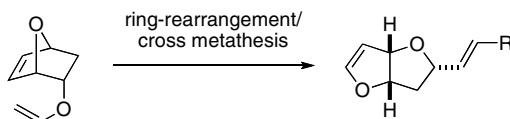
Synthesis of seven- and eight-membered [1,2-*a*] alicyclic ring-fused benzimidazoles and 3-aziridinylazepino[1,2-*a*]benzimidazolequinone as a potential antitumour agent pp 5235–5237

Karen Fahey, Fawaz Aldabbagh *



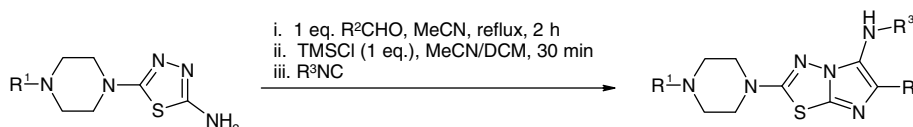
Synthesis of 2,6-dioxabicyclo[3.3.0]octenes by tandem ring-rearrangement/cross metathesis pp 5238–5240

Kevin J. Quinn *, John M. Curto, Erin E. Faherty, Carolyn M. Cammarano



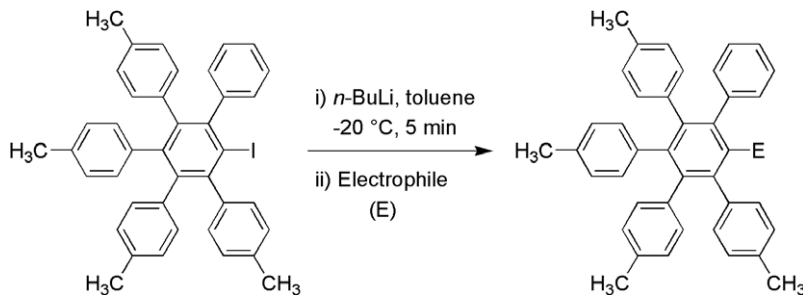
Poorly reactive 5-piperazin-1-yl-1,3,4-thiadiazol-2-amines rendered as valid substrates for Groebke–Blackburn type multi-component reaction with aldehydes and isocyanides using TMSCl as a promoter pp 5241–5243

Mikhail Krasavin *, Sergey Tsurulnikov, Mikhail Nikulnikov, Volodymyr Kysil, Alexandre Ivachtchenko



Straightforward access to functionalized pentaarylbenzene derivatives through a quick lithiation

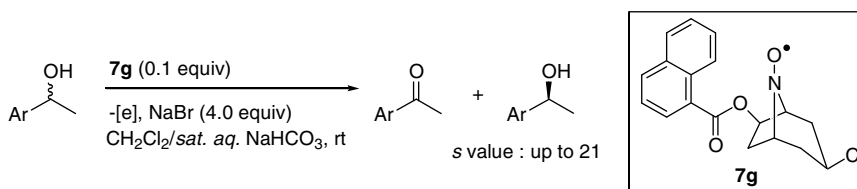
pp 5244–5246

Tetsuo Iwasawa^{*}, Toshinori Kamei, Kento Hama, Yoshiki Nishimoto, Masaki Nishiuchi, Yasuhiko Kawamura^{*}

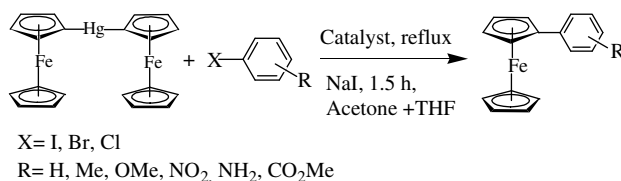
New access to functionalized pentaarylbenzene derivatives through a lithiation step has been developed.

**Chiral azabicyclo-*N*-oxyls mediated enantioselective electrooxidation of *sec*-alcohols**

pp 5247–5251

Hirofumi Shiigi, Hiroyuki Mori, Tomoaki Tanaka, Yosuke Demizu, Osamu Onomura^{*}**Palladium β-diketonate complex catalyzed synthesis of monosubstituted arylferrocenes**

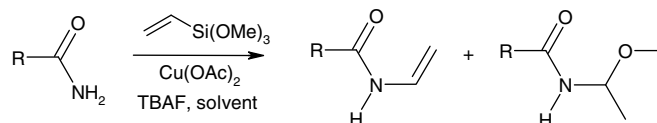
pp 5252–5254

Vishal H. Purecha, Nitin S. Nandurkar, Bhalchandra M. Bhanage, Jayashree M. Nagarkar^{*}

Palladium β-diketonate complexes are reported as efficient catalysts for the selective synthesis of monosubstituted arylferrocenes by a cross-coupling reaction of bis(ferrocenyl)mercury with aryl halides.

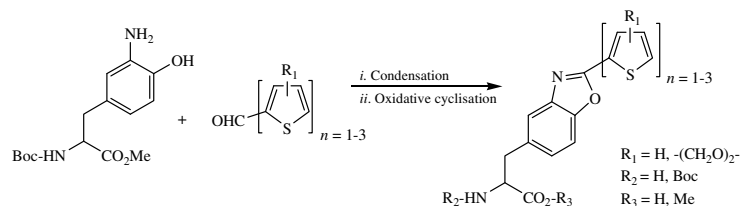
Direct *N*-vinylation of aryl and hetaryl carboxamides with trimethoxyvinylsilane

pp 5255–5257

Pavel Arsenyan^{*}, Alla Petrenko, Sergey Belyakov

Heteroaromatic alanine derivatives bearing (oligo)thiophene units: synthesis and photophysical properties

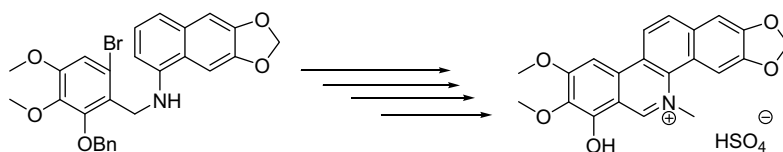
pp 5258–5261

Susana P. G. Costa ^{*}, Elisabete Oliveira, Carlos Lodeiro ^{*}, M. Manuela M. Raposo

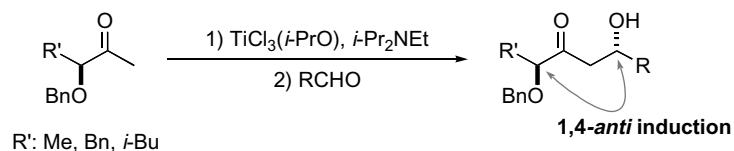
New fluorescent benzoxazolylalanine derivatives bearing (oligo)thiophene units at the side chain were synthesized in good yields. Evaluation of the photophysical properties of the synthesized amino acids revealed that some of the derivatives display high fluorescent quantum yields, making them good candidates for application as fluorescent probes.

**A new synthetic approach to 7-hydroxynitidine**

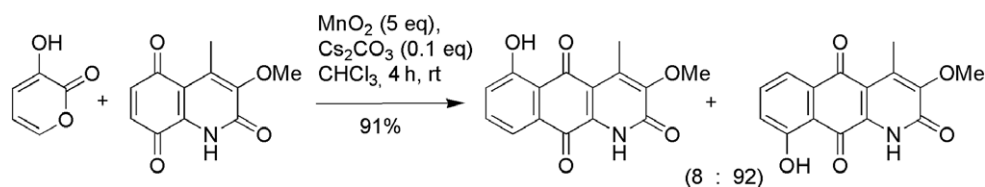
pp 5262–5264

Prasanna Ramani ^{*}, Gabriele Fontana**1,4-Asymmetric induction in the titanium-mediated aldol reactions of α -benzyloxy methyl ketones**

pp 5265–5267

Miquel Pellicena, Joan G. Solsona, Pedro Romea ^{*}, Fèlix Urpí ^{*}**Tandem Diels–Alder–manganese dioxide mediated oxidation reaction. A short route to marcanines**

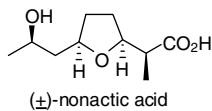
pp 5268–5270

Sabrina Mekideche, Laurent Désaubry ^{*}

A stereocontrolled approach to (±)-nonactic acid

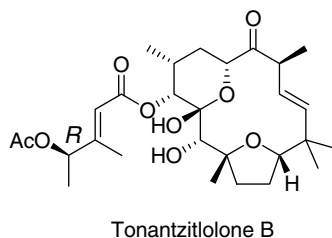
pp 5271–5272

Yuedong Zhou, Qiongfen Xu, Hongbin Zhai *

**Determination of the absolute configuration of the diterpene tonantzitlolone B**

pp 5273–5275

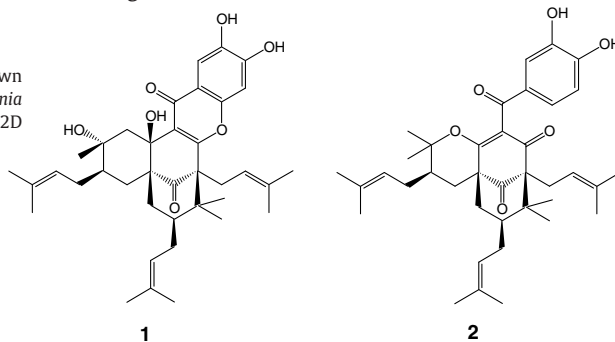
Torsten Busch, Hannah Schuster, Andreas Kirschning *

**A novel polyprenylated phloroglucinol, garcinalone, from the roots of *Garcinia multiflora***

pp 5276–5278

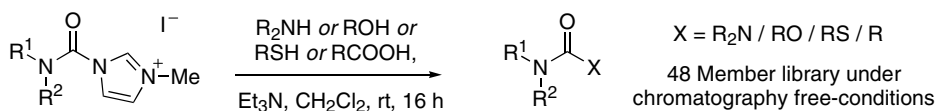
Shih-Chang Chien, Chiou-Fung Chyu, I-Sheng Chang, Hsi-Lin Chiu, Yueh-Hsiung Kuo *

A novel polyprenylated phloroglucinol, garcinalone (1), along with a known compound, isoxanthochymol (2), have been isolated from the roots of *Garcinia multiflora*. The structures of 1 and 2 were elucidated spectroscopically, by 1D and 2D NMR and mass spectrometry.

**Achieving functional group diversity in parallel synthesis: solution-phase synthesis of a library of ureas, carbamates, thiocarbamates, and amides using carbamoylimidazolium salts**

pp 5279–5282

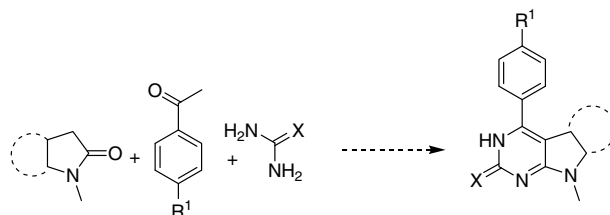
Justyna A. Grzyb, Robert A. Batey *



Three-component synthesis of 5:6 and 6:6 fused pyrimidines using KF–alumina as a catalyst

pp 5283–5285

Pushpak Mizar, Bekington Myrboh *

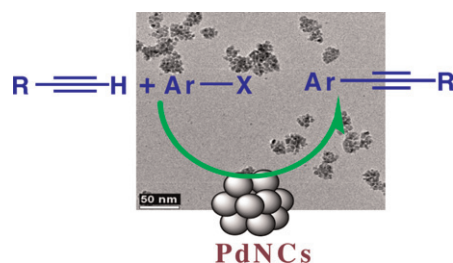


A series of fused pyrimidine derivatives were synthesized by the three-component reaction of an aryl aldehyde, urea, or guanidine in ethyl alcohol/dioxane catalyzed by KF–alumina in presence of 1-methyl-1*H*-pyrrol-2(3*H*)-one, 1-methylpiperidin-2-one, 1-methylindolin-2-one, or 1,3-dimethyl-dihydropyrimidine-2,4-dione.

Facile synthesis of palladium nanoclusters and their catalytic activity in Sonogashira coupling reactions

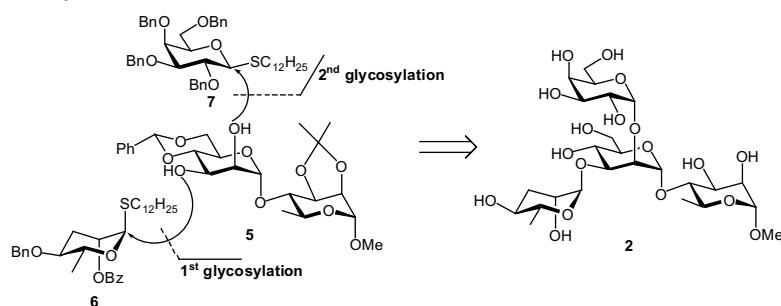
pp 5286–5288

J. Athilakshmi, S. Ramanathan, Dillip Kumar Chand *

**Synthesis of a tetrasaccharide repeating unit of O-antigenic polysaccharide of *Salmonella enteritidis* by use of unique and odorless dodecyl thioglycosyl donors**

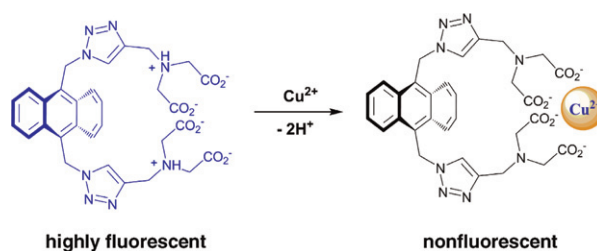
pp 5289–5292

Sang-Hyun Son, Chiharu Tano, Tetsuya Furuike, Nobuo Sakairi *

**Synthesis of triazolyl anthracene as a selective fluorescent chemosensor for the Cu(II) ion**

pp 5293–5296

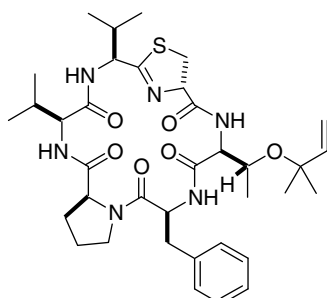
Kris Varazo, Fang Xie, Dana Gullede, Qian Wang *



Hexamollamide, a hexapeptide from an Okinawan ascidian *Didemnum molle*

pp 5297–5299

Toshiaki Teruya, Hiroaki Sasaki, Kiyotake Suenaga *

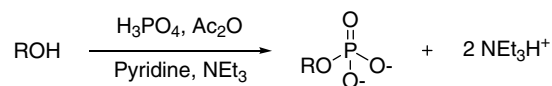


hexamollamide

Hexamollamide, a hexapeptide was isolated from an Okinawan ascidian *Didemnum molle*.**Facile synthesis of simple mono-alkyl phosphates from phosphoric acid and alcohols**

pp 5300–5301

Cyril Dueymes, Céline Pirat, Robert Pascal *

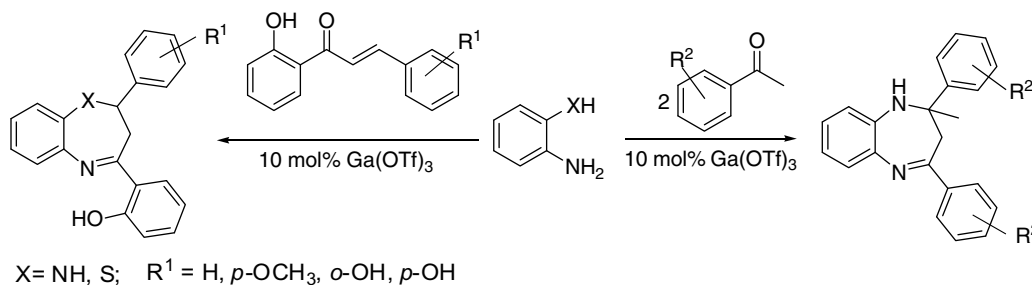


A practical and efficient protocol for the synthesis of mono-alkyl phosphates is described which utilizes readily available commercial starting materials.

**Ga(OTf)₃-promoted condensation reactions for 1,5-benzodiazepines and 1,5-benzothiazepines**

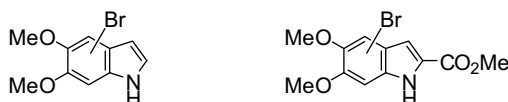
pp 5302–5308

Xiang-Qiang Pan, Jian-Ping Zou *, Zhi-Hao Huang, Wei Zhang *

**Expedient routes to valuable bromo-5,6-dimethoxyindole building blocks**

pp 5309–5311

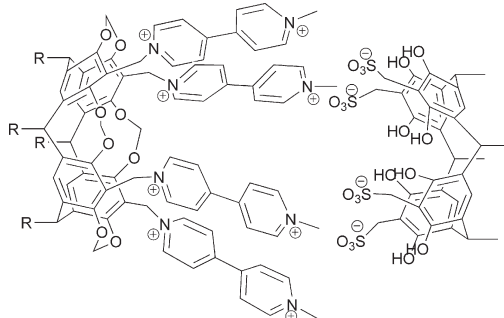
Paul B. Huleatt, Sze Shiong Choo, Sheena Chua, Christina L. L. Chai *



Electrochemical behaviour of a molecular capsule based on methylviologen–resorcinarene and sulfonatomethylene-resorcinarene

pp 5312–5315

Albina Y. Ziganshina ^{*}, Sergey V. Kharlamov, Dmitry E. Korshin, Rezeda K. Mukhitova, Ella Kh. Kazakova, Shamil K. Latypov, Vitaly V. Yanilkin, Alexandr I. Kononov



A synthesis of licofelone using Fenton's reagent

pp 5316–5318

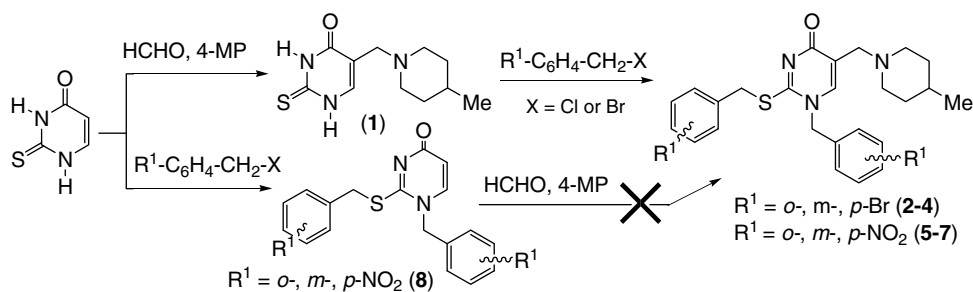
Stanislav Rádľ ^{*}, Josef Černý, Ondřej Klecán, Jan Stach, Lukáš Plaček, Zuzana Mandelová



A practical synthesis of new S,N-disubstituted derivatives of 5-(4-methylpiperidino)methyl-2-thiouracil

pp 5319–5321

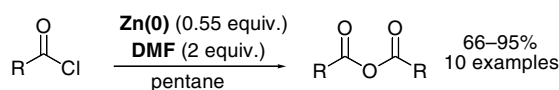
Tomasz Pospieszny ^{*}, Elżbieta Wyrzykiewicz



Zinc(0)/dimethylformamide-mediated synthesis of symmetrical carboxylic anhydrides from acid chlorides

pp 5322–5323

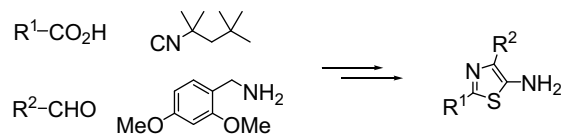
Audrey Serieys, Candice Botuha, Fabrice Chemla ^{*}, Franck Ferreira ^{*}, Alejandro Pérez-Luna



Versatile assembly of 5-aminothiazoles based on the Ugi four-component coupling

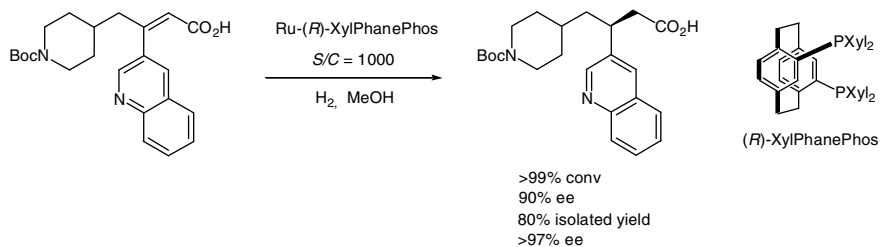
pp 5324–5327

Mark J. Thompson, Beining Chen *

**Efficient, enantioselective synthesis of a β,β -disubstituted carboxylic acid by Ru-*(R)*-XylPhanePhos-catalyzed asymmetric hydrogenation**

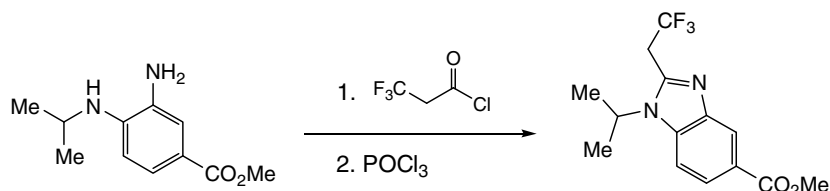
pp 5328–5331

Gabriela A. Grasa *, Antonio Zanotti-Gerosa, Shyamali Ghosh, Christopher A. Teleha, William A. Kinney, Bruce E. Maryanoff

 **POCl_3 -mediated synthesis of hydrolysis-prone 2-trifluoroethylbenzimidazoles**

pp 5332–5335

Kausik K. Nanda *, B. Wesley Trotter

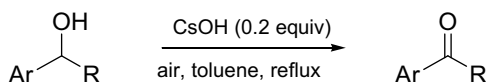


2-Trifluoroethylbenzimidazoles have been synthesized from the corresponding diamines in a two-step process. Use of POCl_3 in the cyclodehydration step was found to be crucial for suppression of an unproductive side reaction.

Cesium hydroxide-promoted aerobic oxidation of *sec*-aromatic alcohols

pp 5336–5338

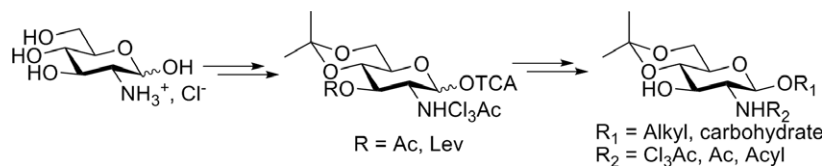
Weiwei Zhang, Miaochang Liu, Huayue Wu, Jinchang Ding, Jiang Cheng *



Efficient route to orthogonally protected precursors of 2-acylamino-2-deoxy-3-O-substituted- β -D-glucopyranose derivatives and use thereof

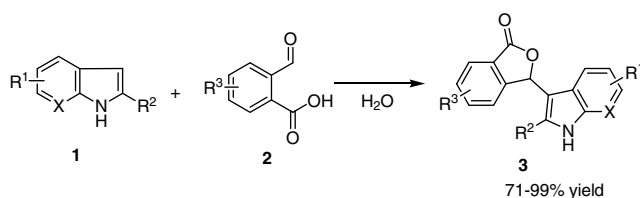
pp 5339–5342

Julien Boutet, Tae Hee Kim, Catherine Guerreiro, Laurence A. Mulard *

The trichloroacetimidate donor (R = Ac) was used successfully in the synthesis of *S. flexneri* branched tri- and pentasaccharides.**Highly efficient synthesis of 3-indolyl-substituted phthalides via Friedel–Crafts reactions in water**

pp 5343–5346

Hua Lin, Xing-Wen Sun *



*Corresponding author

Supplementary data available via ScienceDirect

Available online at www.sciencedirect.com

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