

Tetrahedron Letters Vol. 49, No. 50, 2008

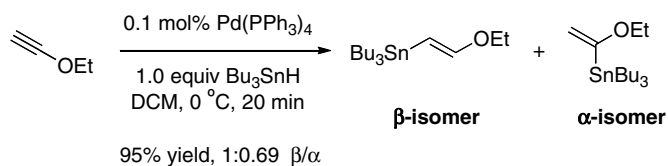
Contents

COMMUNICATIONS

Highly efficient palladium-catalyzed hydrostannation of ethyl ethynyl ether

pp 7097–7099

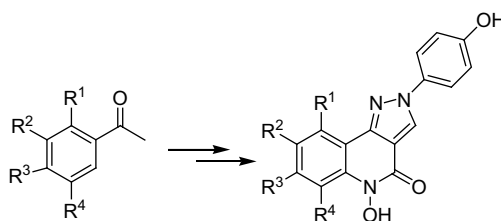
Ian P. Andrews, Ohyun Kwon *



PIFA-mediated synthesis of novel pyrazoloquinolin-4-ones as potential ligands for the estrogen receptor

pp 7100–7102

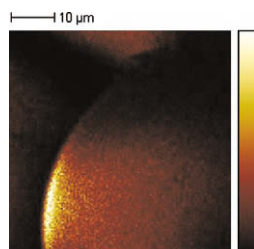
Michael S. Christodoulou, Konstantinos M. Kasiotis, Nikolas Fokialakis, Imanol Tellitu, Serkos A. Haroutounian *



Novel monodisperse PEG-grafted polystyrene resins: synthesis and application in gel-phase ¹³C NMR spectroscopy

pp 7103–7105

Christian Braunschier, Christian Hametner *, Johannes Fröhlich, Johannes Schnöller, Herbert Hutter

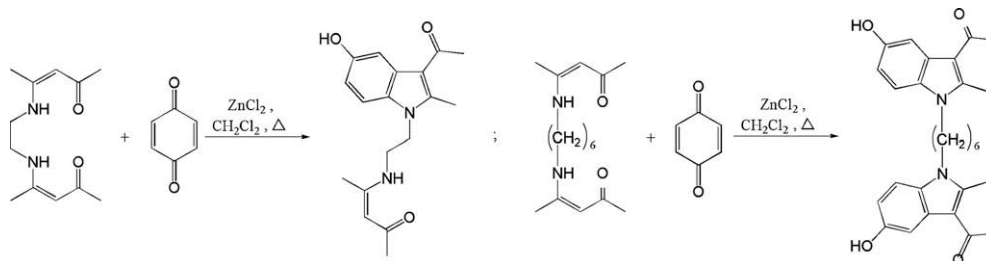


Cl
mc: 110 tc: 238507

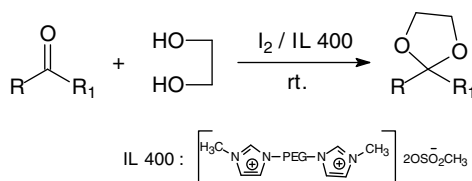


The role of a Lewis acid in the Nenitzescu indole synthesis

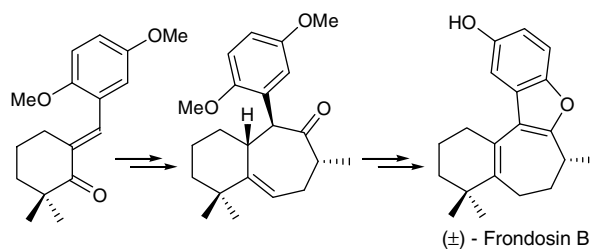
pp 7106–7109

Valeriya S. Velezheva ^{*}, Andrey I. Sokolov, Albert G. Kornienko, Konstantin A. Lyssenko, Yulia V. Nelyubina, Ivan A. Godovikov, Alexander S. Peregudov, Andrey F. Mironov**A green procedure for the protection of carbonyl compounds catalyzed by iodine in ionic liquid**

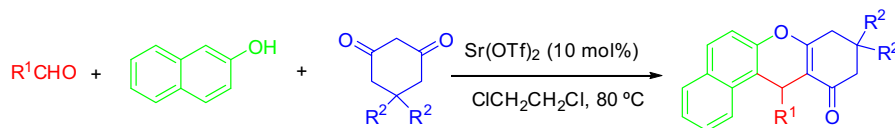
pp 7110–7112

Yi-Ming Ren, Chun Cai ^{*}**A total synthesis of (±)-frondosins A and B**

pp 7113–7116

Goverdhan Mehta ^{*}, Nachiket S. Likhite**Strontium triflate catalyzed one-pot condensation of β-naphthol, aldehydes and cyclic 1,3-dicarbonyl compounds**

pp 7117–7120

Jianjun Li, Wenyuan Tang, Linmei Lu, Weike Su ^{*}

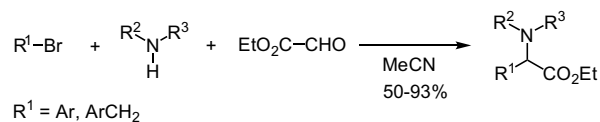
An efficient one-pot condensation of β-naphthol, aldehydes, and cyclic 1,3-dicarbonyl compounds has been achieved with strontium triflate as a catalyst, thus a variety of 8,9,10,12-tetrahydrobenzo[*a*]xanthen-11-one or 8,9-dihydrobenzo-[*f*]cyclopenta[*b*]chromen-10(11*H*)-one derivatives were prepared in good yields.



A concise three-component synthesis of α -amino esters derived from phenylglycine and phenylalanine

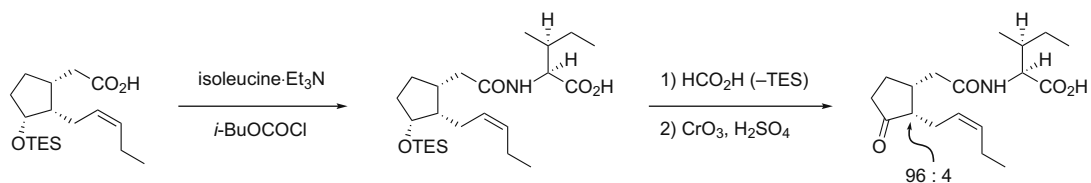
pp 7121–7123

Caroline Haurena, Stéphane Sengmany, Paul Huguen, Erwan Le Gall *, Thierry Martens, Michel Troupel

**Strategy for synthesis of the isoleucine conjugate of *epi*-jasmonic acid**

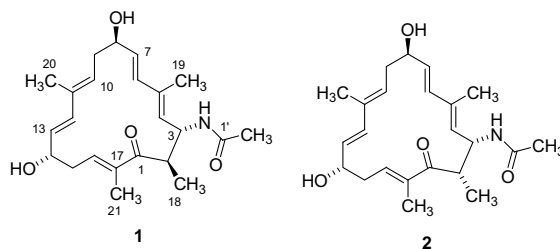
pp 7124–7127

Narihito Ogawa, Yuichi Kobayashi *

**Chejuenolides A and B, new macrocyclic tetraenes from the marine bacterium *Hahella chejuensis***

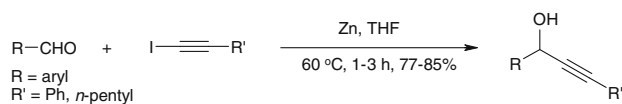
pp 7128–7131

Yun-Hyeok Choi, Jae-Hak Sohn, Dongho Lee, Joong Kyun Kim, In Soo Kong, Soon Cheol Ahn *, Hyuncheol Oh *

Two new 17-membered carbocyclic tetraenes chejuenolides A and B (**1** and **2**) were isolated from the marine bacterium *Hahella chejuensis*.**Zinc-mediated alkylation of carbonyl compounds with iodoalkynes: a facile synthesis of propargyl alcohols**

pp 7132–7134

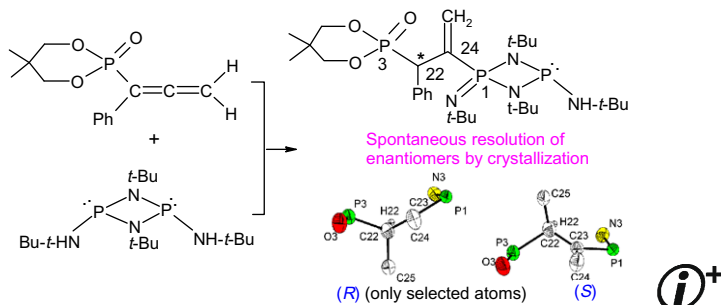
P. Srihari *, Vinay K. Singh, Dinesh C. Bhunia, J. S. Yadav



The reaction of allenes with phosphorus(III) compounds bearing a P-NH-(*t*-Bu) group: isolation of both enantiomers in crystalline form from an achiral system pp 7135–7138

N. N. Bhuvan Kumar, K. C. Kumara Swamy *

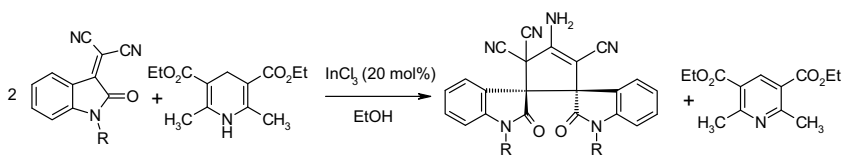
The synthesis and spontaneous resolution by crystallization of tautomeric forms of the zwitterions from the reaction of electron-deficient allenes with P^{III} compounds bearing a P-NH-*t*-Bu group are described.



An InCl₃ catalyzed facile one-pot synthesis of novel dispiro[cyclopent-3'-ene]bisoxindoles

Gnanamani Shanthi, Paramasivan T. Perumal *

pp 7139–7142

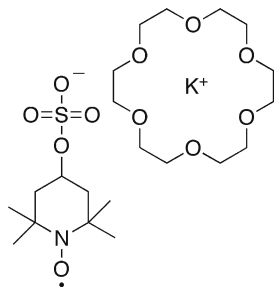


An InCl₃ catalyzed efficient synthesis of novel dispiro[cyclopent-3'-ene]bisoxindoles is accomplished via a one-pot reductive cyclization of isatylidene malononitriles using the Hantzsch ester.

Synthesis of a new ionic spin probe for investigation of polar and non-polar solvents

Veronika Strehmel *, Hans Rexhausen, Peter Strauch

pp 7143–7145

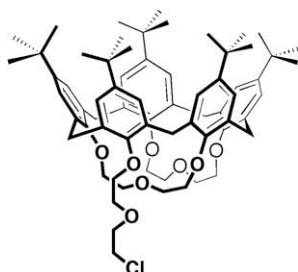


The new spin probe potassium-(18-crown-6)-4-sulfonatoxy-2,2,6,6-tetramethylpiperidine-1-oxyl shows an improved solubility in both highly polar and less polar solvents.

Serendipitous one-pot formation of an unusual calix[5]arene-bis-crown-3 receptor

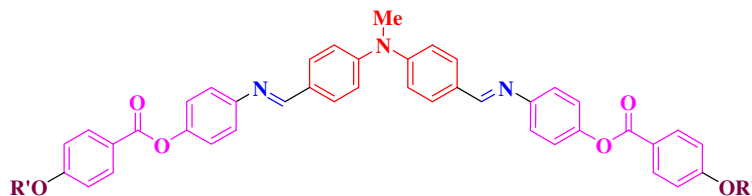
Giuseppe Gattuso, Claudia Liotta, Anna Notti, Sebastiano Pappalardo *, Melchiorre F. Parisi *

pp 7146–7148



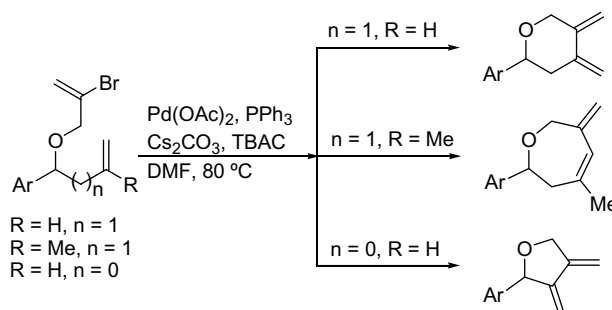
A new type of symmetrical banana-shaped material based on *N*-methyl diphenylamine as a core moiety exhibiting an $A_d \rightarrow A_2$ transition pp 7149–7152

Krishna C. Majumdar *, Buddhadeb Chattopadhyay, Santanu Chakravorty, Nilasish Pal, Randhir Kumar Sinha



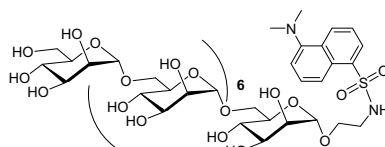
Pd(0) catalyzed intramolecular Heck reaction: a versatile route for the synthesis of 2-aryl substituted 5-, 6-, and 7-membered O-containing heterocycles pp 7153–7156

Shubhankar Samanta, Hemakesh Mohapatra, Rathin Jana, Jayanta K. Ray *



Concise assembly of linear $\alpha(1 \rightarrow 6)$ -linked octamannan fluorescent probe pp 7157–7160

Mohammad S. Aqueel, Vibha Pathak, Ashish K. Pathak *

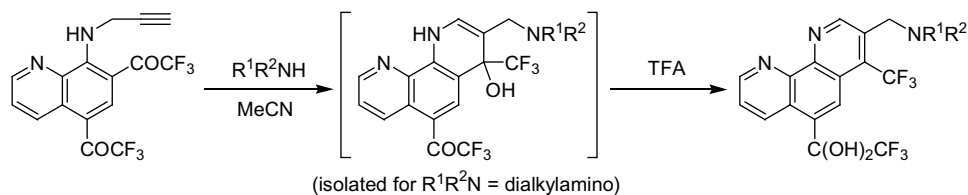


A concise and efficient convergent two-stage activation approach for the synthesis of a linear $\alpha(1 \rightarrow 6)$ -linked octamannosyl glycoside possessing a dansyl group as a fluorescent probe is reported.



Facile synthesis of fluorine-containing 1,10-phenanthrolines by the pyridine-ring formation reaction of *N*-propargyl-5,7-bis(trifluoroacetyl)-8-quinolylamine with amines: isolation of the intermediates 1,4-dihydro-1,10-phenanthrolin-4-ols pp 7161–7164

Dai Shibata, Etsuji Okada *, Jérôme Molette, Maurice Médebielle

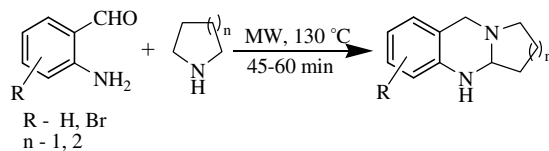


$(R^1, R^2) = (\text{Me}, \text{Me}), (\text{Et}, \text{Et}), (-\text{CH}_2)_5-, (t\text{-Bu}, \text{H}), (4\text{-MeOC}_6\text{H}_4, \text{H}), (4\text{-ClC}_6\text{H}_4, \text{H})$

Ring-fused animals: catalyst and solvent-free microwave-assisted α -amination of nitrogen heterocycles

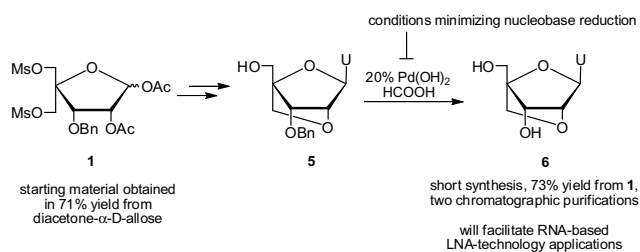
pp 7165–7167

Vivek Polshettiwar, Rajender S. Varma *

**Optimized synthesis of LNA uracil nucleosides**

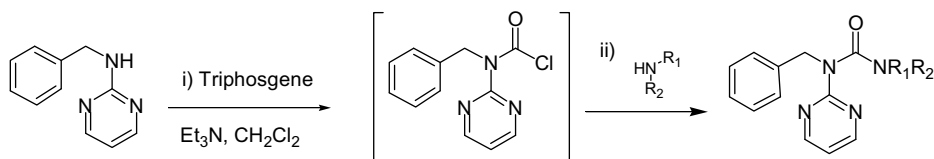
pp 7168–7170

T. Santhosh Kumar, Pawan Kumar, Pawan K. Sharma, Patrick J. Hrdlicka *

**An easy and versatile synthesis of ureas from 2-benzylaminopyrimidine**

pp 7171–7173

Michiel Van Gool *, José M. Bartolomé, Gregor J. Macdonald *

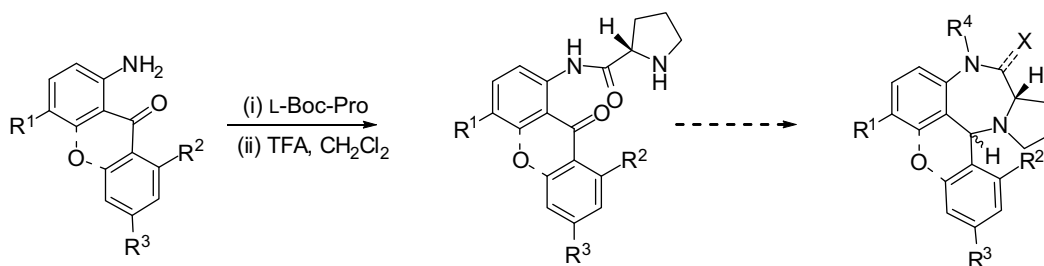


A novel, easy and highly versatile procedure for the synthesis of urea derivatives from 2-benzylaminopyrimidine is reported.

Enantiospecific synthesis of 5-phenylpyrrolo[2,1-c][1,4]benzodiazepines

pp 7174–7177

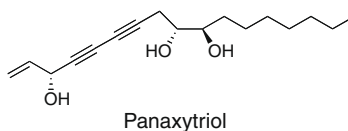
Loreto Legerén, Eduardo Gómez, Domingo Domínguez *



(3*R*,9*R*,10*R*)-Panaxytriol: a molecular-based nutraceutical with possible application to cancer prevention and treatment

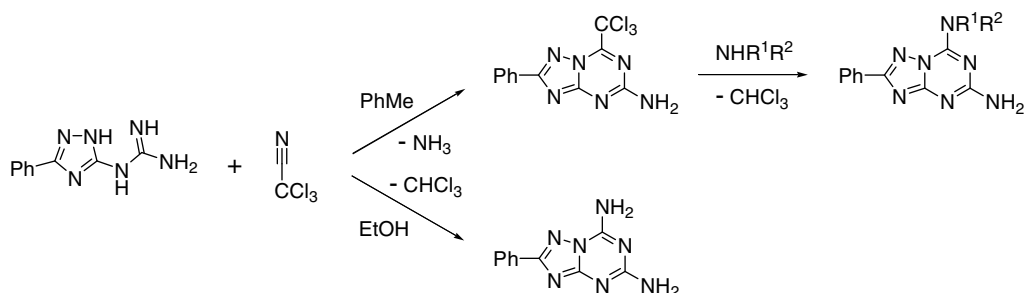
pp 7178–7179

Fay Ng, Heedong Yun, Xiaoguang Lei, Samuel J. Danishefsky*, Jed Fahey, Katherine Stephenson, Charles Flexner, Lawrence Lee

**A convenient method for the synthesis of 7-amino-substituted 1,2,4-triazolo[1,5-*a*][1,3,5]triazin-5-amines**

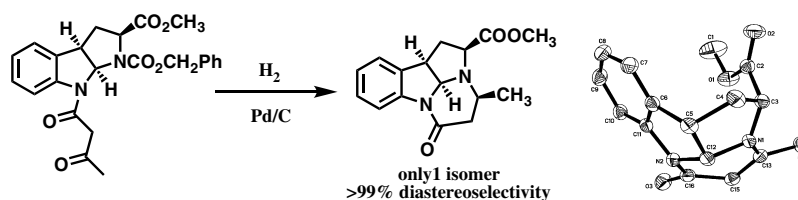
pp 7180–7183

Anton V. Dolzhenko*, Giorgia Pastorin, Anna V. Dolzhenko, Wai Keung Chui

**Unexpected domino ring closure: highly stereoselective construction of a tetracyclic indole alkaloid ring system**

pp 7184–7186

Jian Xiao, Teck-Peng Loh*

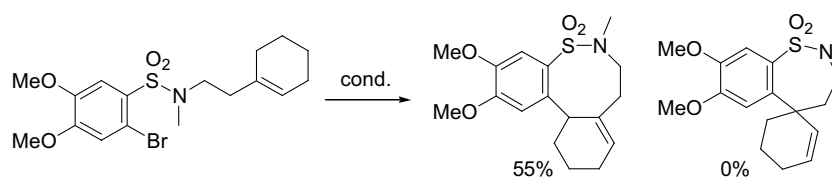


An unexpected highly stereoselective domino ring closure gave a tetracyclic indole alkaloid in good yield in one hydrogenation step.

Formation of cyclic sulfonamides via an unusual 8-*endo*-trig Heck olefination reaction

pp 7187–7190

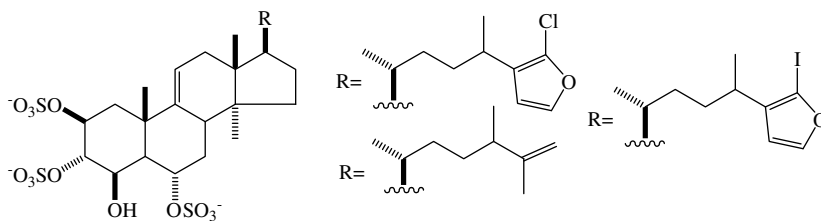
Johannes E. M. N. Klein, Helge Müller-Bunz, Yannick Ortin, Paul Evans*



cond. Pd(OAc)₂ (0.1 equiv), PPh₃ (0.2 equiv), K₂CO₃ (2 equiv),
n-Bu₄NHSO₄ (0.3 equiv), DMF-H₂O (9:1), 110 °C, sealed tube, 24 h.

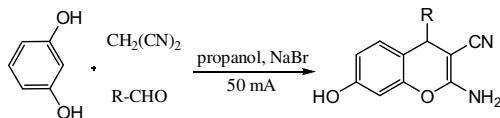
Topsentiasterol sulfates with novel iodinated and chlorinated side chains from the marine sponge *Topsentia* sp. pp 7191–7193

Alla G. Guzii, Tatyana N. Makarieva *, Vladimir A. Denisenko, Pavel S. Dmitrenok, Yuliya V. Burtseva, Vladimir B. Krasokhin, Valentin A. Stonik

**A multi-component electro-organic synthesis of 2-amino-4H-chromenes**

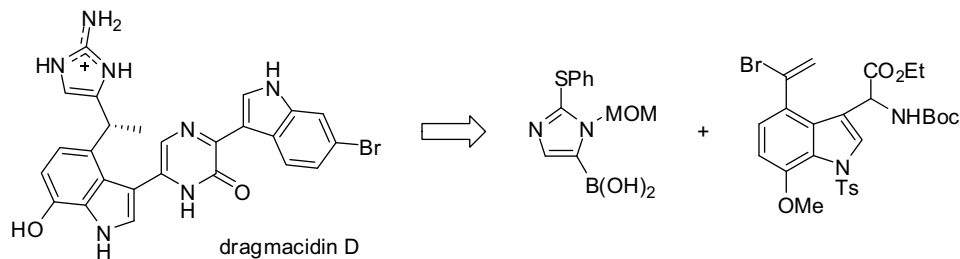
pp 7194–7196

S. Makarem, A. A. Mohammadi *, A. R. Fakhari *

**Synthetic studies on drarmacidin D: synthesis of the left-hand fragment**

pp 7197–7199

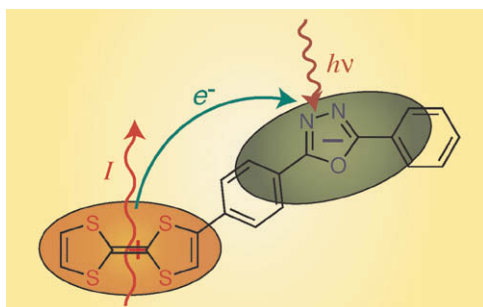
Minoru Ikoma, Masato Oikawa *, Makoto Sasaki



Left-hand fragment of bis(indole) alkaloid, drarmacidin D, has been successfully synthesized by Suzuki–Miyaura cross-coupling reaction as a key step.

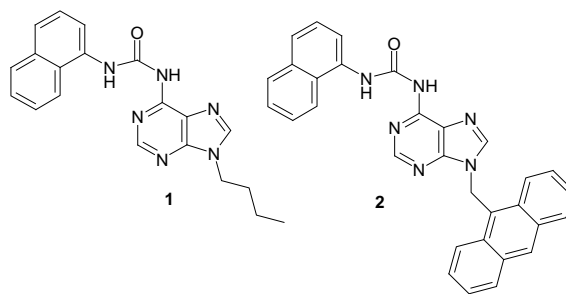
Synthesis, structure, and photoelectrochemical properties of new tetrathiafulvalene-diphenyl-1,3,4-oxadiazole dyads pp 7200–7203

Hideki Fujiwara *, Yasuo Sugishima, Keijiro Tsujimoto

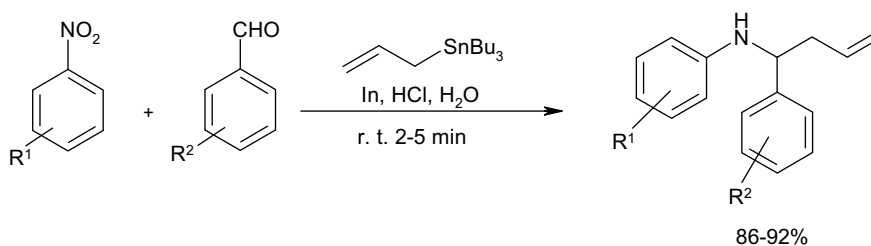


Adenine-based urea receptors in fluorescent recognition of iodide

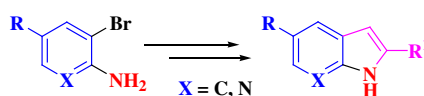
pp 7204–7208

Kumares Ghosh ^{*}, Tanushree SenAdenine-based receptors **1** and **2** have been designed and synthesized for selective sensing of iodide over the other halides and carboxylate anions.**A distinct approach for the rapid synthesis of homoallylic amines starting directly from nitro compounds in water**

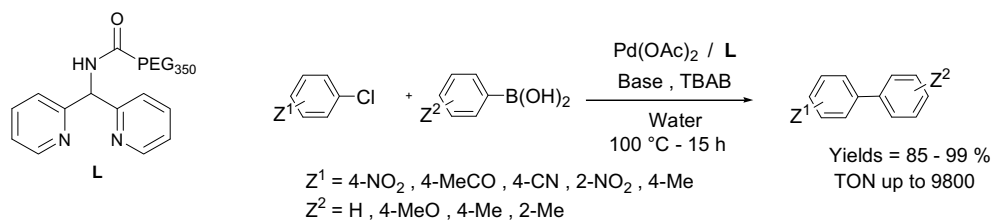
pp 7209–7212

Biswanath Das ^{*}, Gandham Satyalakshmi, Kanaparthi Suneel, Boddu Shashikanth**A convenient synthesis of pyrrolopyridines and 2-substituted indoles by gold-catalyzed cycloisomerization**

pp 7213–7216

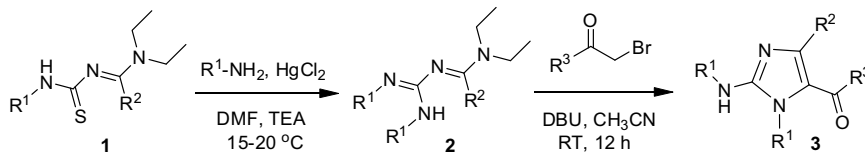
K. C. Majumdar ^{*}, S. Samanta, B. Chattopadhyay**PEG₃₅₀-based di-(2-pyridyl)methylamine as a ligand in the Pd-catalyzed water Suzuki–Miyaura reaction of aryl chlorides**

pp 7217–7219

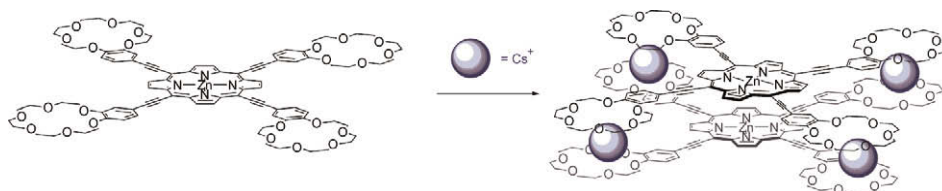
Ouissam Adidou, Catherine Goux-Henry, Mohamed Safi, Mohamed Soufiaoui, Eric Framery ^{*}

A facile synthesis of structurally novel 1-aryl-2-arylamino-4-alkyl/phenyl-5-aryoyl-1*H*-imidazoles from amidinothioureas

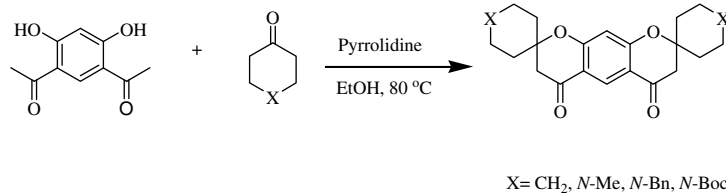
pp 7220–7222

Jitendra C. Kaila, Arshi B. Baraiya, Kamala K. Vasu ^{*}, V. Sudarsanam
Synthesis, structure, and cation complexation of a novel crown ether porphyrin

pp 7223–7226

Yen-Chun Liu, Ming-Cheng Kuo, Cheng-Wei Lee, You-Ren Liang, Gene-Hsiang Lee, Shie-Ming Peng, Chen-Yu Yeh ^{*}
One-pot synthesis of novel spiro 2,3,7,8-tetrahydro-benzo[1,2-*b*:5,4-*b'*]dipyran-4,6-dione and 2,3,8,9-tetrahydro-benzo[1,2-*b*:4,3-*b'*]dipyran-4,10-dione derivatives


pp 7227–7229

D. Ashok ^{*}, D. Shravani
Synthesis of allenes via CuBr-catalyzed homologation of alk-1-ynes accelerated by microwave

pp 7230–7233

Hiroyuki Nakamura ^{*}, Tsuyuka Sugiishi, Yuko Tanaka

*Corresponding author

 Supplementary data available via 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 SCOPUS[®]. Full text available on ScienceDirect[®]



ELSEVIER

Available online at www.sciencedirect.com

 ScienceDirect

ISSN 0040-4039