

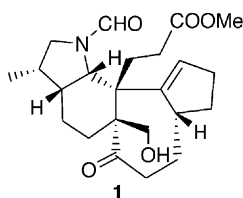
Contents

COMMUNICATIONS

Daphniglaucin C, a novel tetracyclic alkaloid from *Daphniphyllum glaucescens*

pp 901–904

Hiroshi Morita, Hiroshi Takatsu, Ya-Ching Shen and Jun'ichi Kobayashi*

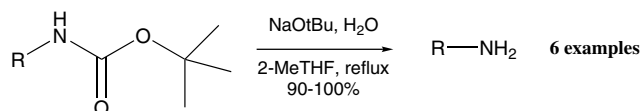


A novel *Daphniphyllum* alkaloid with an unprecedented tetracyclic ring system consisting of an octahydroindole and hexahydroazulene rings, daphniglaucin C (**1**), has been isolated from the leaves of *Daphniphyllum glaucescens* and the structure and relative stereochemistry were elucidated on the basis of spectroscopic data. Daphniglaucin C (**1**) inhibited the polymerization of tubulin.

Deprotection of a primary Boc group under basic conditions

pp 905–906

Norma J. Tom,* Wendy M. Simon, Heather N. Frost and Marcus Ewing

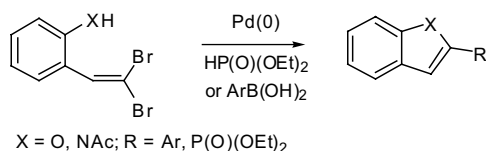


A new procedure for deprotecting primary Boc groups using sodium *t*-butoxide in slightly wet tetrahydrofuran or 2-methyltetrahydrofuran is described.

New synthesis of benzo[*b*]furan and indole derivatives from 1,1-dibromo-1-alkenes using a tandem Pd-assisted cyclization–coupling reaction

pp 907–910

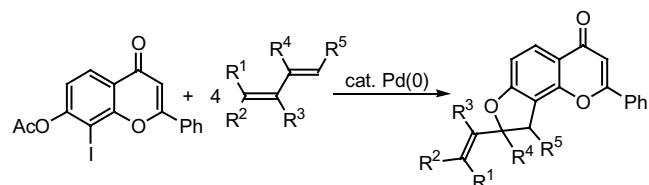
Sabine Thielges, Emilie Meddah, Philippe Bissere* and Jacques Eustache



Synthesis of dihydroflavonoids via palladium-catalyzed annulation of 1,3-dienes

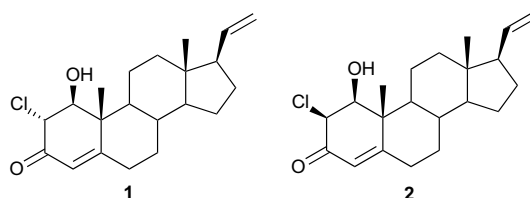
pp 911–914

Roman V. Rozhkov and Richard C. Larock*


Unusual chlorinated pregnanes from the eastern Pacific octocoral *Carijoa multiflora*

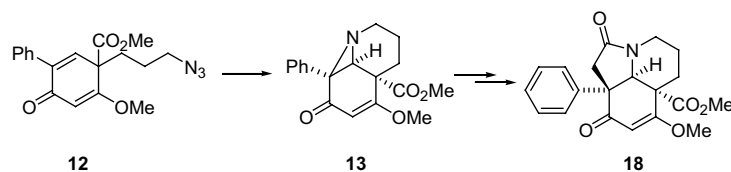
pp 915–918

Enrique Dorta, Ana R. Díaz-Marrero, Mercedes Cueto, Luis D'Croz, Juan L. Maté, Aurelio San-Martín and José Darías*


Synthesis of the tricyclic core structure of vindoline

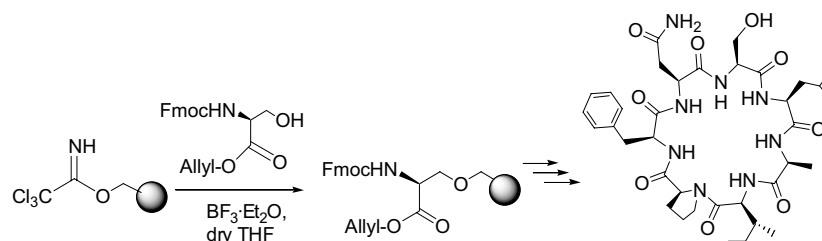
pp 919–921

Zihong Guo* and Arthur G. Schultz


Synthesis of cyclic peptides through hydroxyl side-chain anchoring

pp 923–925

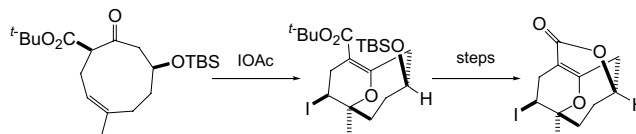
Liang Z. Yan,* Patrick Edwards, David Flora and John P. Mayer*



An iodocyclisation/elimination approach to a DEF-ring core of FR182877

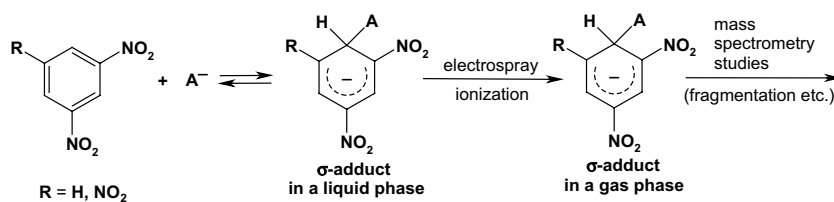
pp 927–929

Paul A. Clarke,* Matthew Grist and Mark Ebden

Application of electrospray ionization mass spectrometry for studies of anionic σ -adducts of aromatic nitrocompounds

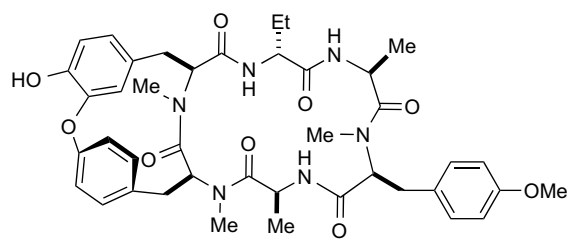
pp 931–934

Witold Danikiewicz,* Tomasz Bieńkowski and Krzysztof Wojciechowski

Isolation, structural elucidation, and synthesis of RA-XVII, a novel bicyclic hexapeptide from *Rubia cordifolia*, and the effect of side chain at residue 1 upon the conformation and cytotoxic activity

pp 935–938

Yukio Hitotsuyanagi, Hiroshi Ishikawa, Tomoyo Hasuda and Koichi Takeya*

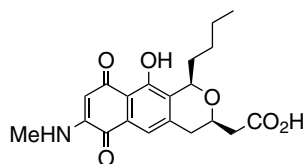


RA-XVII

Synthesis of (\pm)-pyranonaphthoquinone derivatives, a Cdc25A phosphatase inhibitor

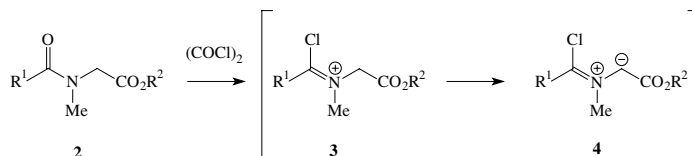
pp 939–941

Akiko Shimbashi, Yuichi Ishikawa and Shigeru Nishiyama*



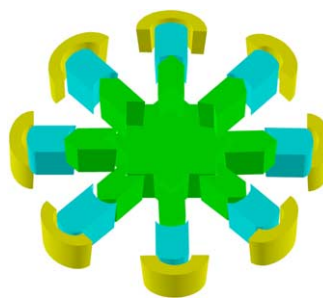
A one-step route to azomethine ylides via chloroiminium salts

pp 943–946

Rosaleen J. Anderson, Andrei S. Batsanov, Natalia Belskaia, Paul W. Groundwater,*
Otto Meth-Cohn and Andrey Zaytsev**Construction of nonanuclear supramolecular structures from simple modular units**

pp 947–949

Ramazan Öztürk and Ahmet Gül*

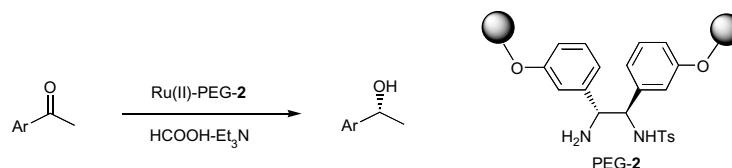


A porphyrazine based supramolecule with a nonanuclear structure has been prepared by addition of pyridine donor groups and VO(acac)₂ complexes to an octakis(hydroxyethylthio)porphyrinatomagnesium main core.

Asymmetric transfer hydrogenation of ketones with a polymer-supported chiral diamine

pp 951–953

Xiaoguang Li, Weiping Chen, William Hems, Frank King and Jianliang Xiao*

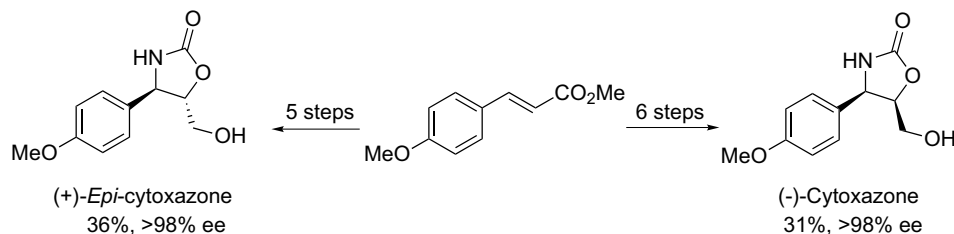


The polyethylene glycol-supported PEG-2 is a highly effective chiral ligand for the asymmetric transfer hydrogenation of simple aromatic ketones.

Stereoselective synthesis of (–)-cytoxazone and (+)-*epi*-cytoxazone

pp 955–957

Selena Milicevic, Radomir Matovic and Radomir N. Saicic*

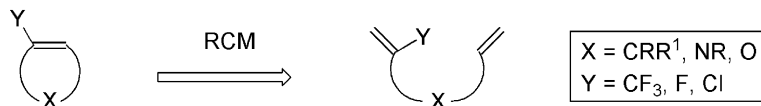


Asymmetric syntheses of the immunomodulator cytoxazone and its epimer—*epi*-cytoxazone—are described.

Fluorinated (hetero)cycles via ring-closing metathesis of fluoride- and trifluoromethyl-functionalized olefins

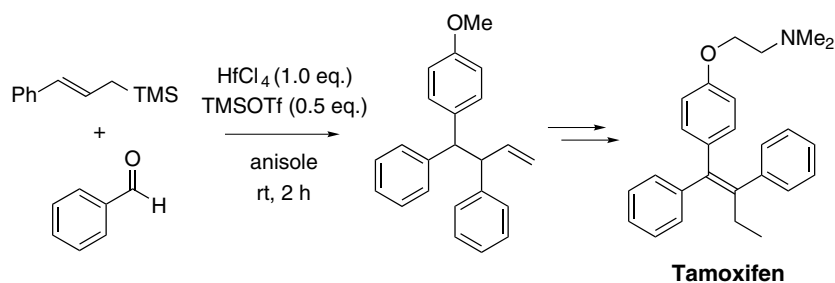
pp 959–963

Valeria De Matteis, Floris L. van Delft, René de Gelder, Jörg Tiebes and Floris P. J. T. Rutjes*

**Short-step synthesis of tamoxifen and its derivatives via the three-component coupling reaction and migration of the double bond**

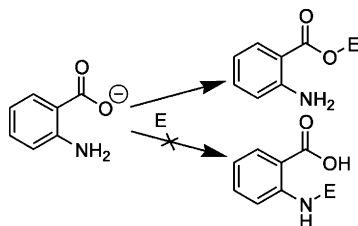
pp 965–967

Isamu Shiina,* Masahiko Suzuki and Kazutoshi Yokoyama

**Alkylation and acylation of basic salts of anthranilic acid**

pp 969–972

Per Wiklund and Jan Bergman*

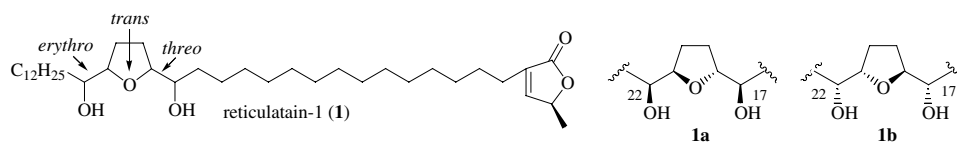


Basic salts of anthranilic acid were found to exhibit O-nucleophilicity toward alkylating and acylating reagents.

Synthesis of two possible diastereomers of reticulatin-1

pp 973–977

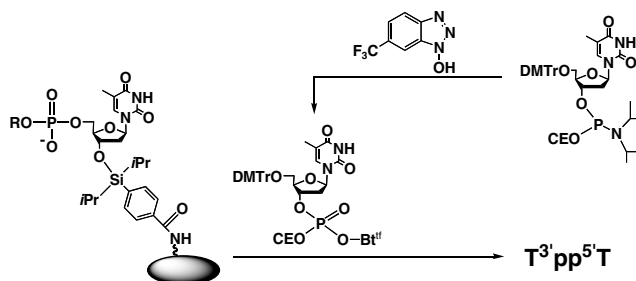
Hidefumi Makabe,* Aya Miyawaki, Ryoko Takahashi, Yasunao Hattori, Hiroyuki Konno, Masato Abe and Hideto Miyoshi



A new approach for pyrophosphate bond formation starting from phosphoramidite derivatives by use of 6-trifluoromethyl-1-hydroxybenzotriazole-mediated O–N phosphoryl migration

pp 979–982

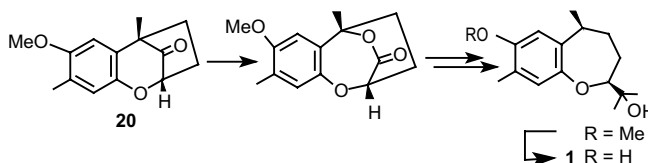
Akihiro Ohkubo, Katsufumi Aoki, Kohji Seio and Mitsuo Sekine*



Synthesis of heliannuol D, an allelochemical from *Helianthus annuus*

pp 983–985

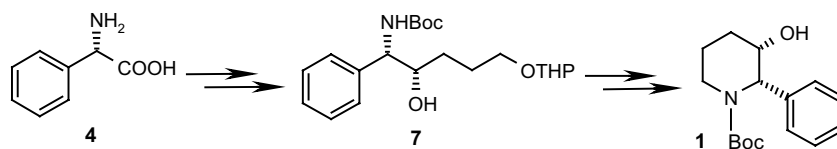
Subir K. Sabui and Ramanathapuram V. Venkateswaran*



An efficient stereoselective synthesis of (2*S*,3*S*)-3-hydroxy-2-phenylpiperidine

pp 987–988

Mandar S. Bodas, Puspesh K. Upadhyay and Pradeep Kumar*

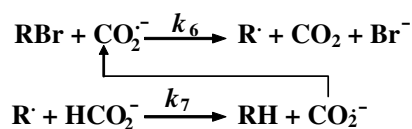


An enantioselective synthesis of *N*-Boc-(2*S*,3*S*)-3-hydroxy-2-phenylpiperidine **1** is described starting from L-phenyl glycine and using a Grignard reaction as a key step.

Radical catalyzed debromination of bromo-alkanes by formate in aqueous solutions via a hydrogen atom transfer mechanism

pp 989–992

Elisabetha Shandalov, Israel Zilbermann, Eric Maimon, Yeoshua Nahmani, Haim Cohen, Eilon Adar and Dan Meyerstein*

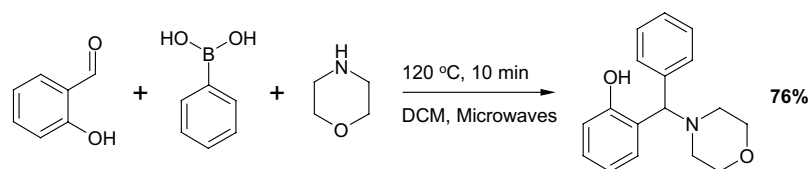


CO₂^{•-} radicals catalyze the dehalogenation of bromo-alkanes by formate via a hydrogen atom transfer mechanism.

Microwave assisted Petasis boronic-Mannich reactions

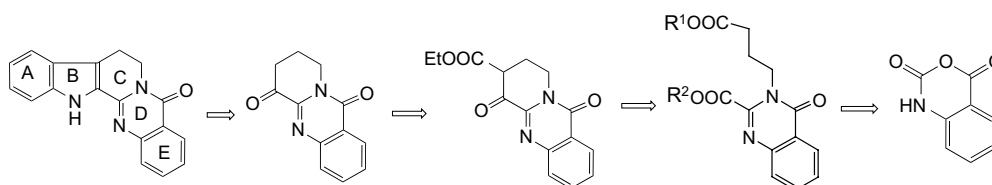
pp 993–995

Neville J. McLean, Heather Tye* and Mark Whittaker

**A facile total synthesis of rutaecarpine**

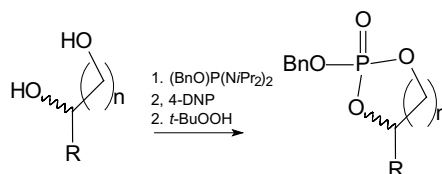
pp 997–999

Subhash P. Chavan* and R. Sivappa

**2,4-Dinitrophenol as an activating reagent in a facile preparation of cyclic phosphate triesters**

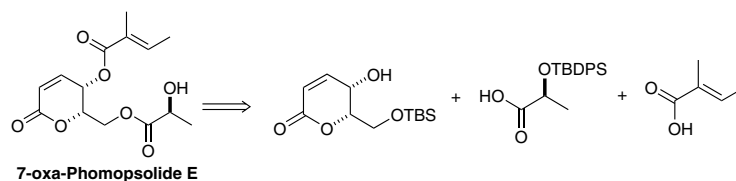
pp 1001–1004

Eric J. Amigues and Marie E. Migaud*

**Synthesis of 7-oxa-phomopsolide E and its C-4 epimer**

pp 1005–1009

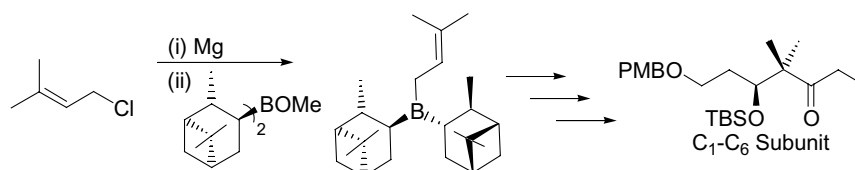
Miaosheng Li, Jana Scott and George A. O'Doherty*



Preparative-scale synthesis of both antipodes of *B*- γ,γ -dimethylallyldiisopinocampheylborane: application for the synthesis of C₁–C₆ subunit of epothilone

pp 1011–1013

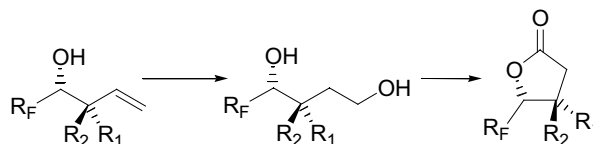
P. Veeraraghavan Ramachandran,* Bodhuri Prabhudas, J. Subash Chandra, M. Venkat Ram Reddy and Herbert C. Brown



Asymmetric synthesis of γ -perfluoroalkyl(aryl) butyrolactones via organoboranes

pp 1015–1017

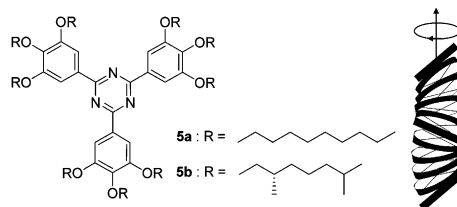
P. Veeraraghavan Ramachandran,* Kamlesh J. Padiya, Vivek Rauniyar, M. Venkat Ram Reddy and Herbert C. Brown



Discotic liquid crystalline materials for potential nonlinear optical applications: synthesis and liquid crystalline behavior of 1,3,5-triphenyl-2,4,6-triazine derivatives containing achiral and chiral alkyl chains at the periphery

pp 1019–1022

Hyoyoung Lee, Dongwoo Kim, Hyung-Kun Lee, Wenfeng Qiu, Nam-Keun Oh, Wang-Cheol Zin and Kimoon Kim*



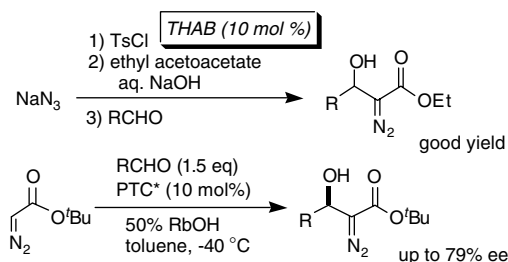
As a novel approach to nonlinear optical materials, new octupolar discotic liquid crystalline materials 1,3,5-triphenyl-2,4,6-triazine derivatives containing achiral alkyl chains and chiral alkyl chains at the periphery were synthesized.



One-pot synthesis of α -diazo- β -hydroxyesters under phase-transfer catalysis and application to the catalytic asymmetric aldol reaction

pp 1023–1026

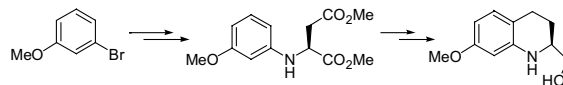
Shigeru Arai,* Kazuya Hasegawa and Atsushi Nishida*



An efficient synthesis of optically pure (S)-2-functionalized 1,2,3,4-tetrahydroquinoline

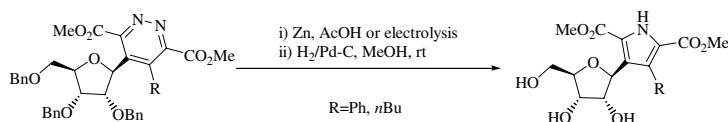
pp 1027–1029

Ke Ding, Judy Flippen-Anderson, Jeffrey R. Deschamps and Shaomeng Wang*

**Novel pyrrole C-nucleosides by nitrogen extrusion from pyridazine C-nucleosides**

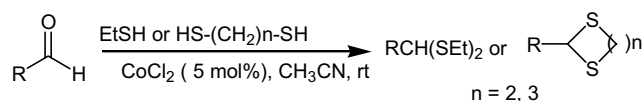
pp 1031–1033

Uday Joshi, Solen Josse, Muriel Pipelier, Floris Chevallier, Jean-Paul Pradère, Roland Hazard, Stéphanie Legoupy, François Huet and Didier Dubreuil*

**Cobalt(II)chloride catalyzed chemoselective thioacetalization of aldehydes**

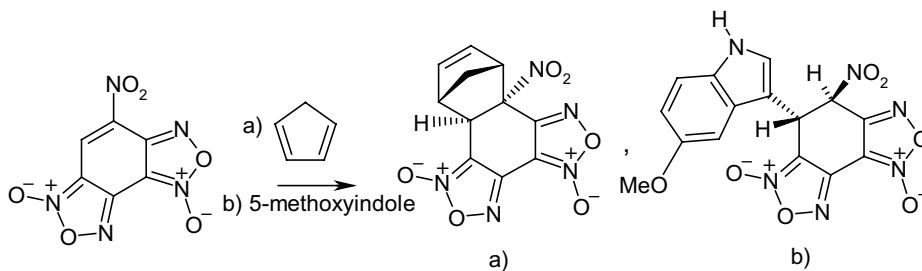
pp 1035–1036

Surya Kanta De*

**The nitroolefinic behaviour of 4-nitrobenzodifuroxan**

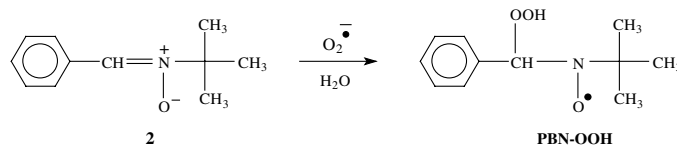
pp 1037–1041

Sergey Kurbatov, Regis Goumont, Jérôme Marrot and François Terrier*



ESR-spin trapping in the presence of cyclodextrins. Detection of PBN-superoxide spin adduct
 Hakim Karoui and Paul Tordo*

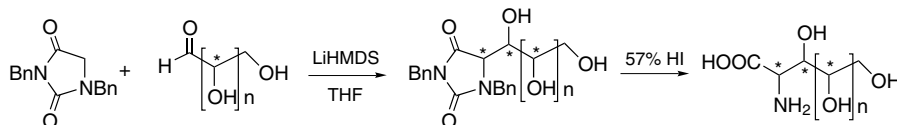
pp 1043–1045



Diastereoselective synthesis of 5-(alditol-1-C-yl)-hydantoin and their use as precursors of polyhydroxylated- α -amino acids

pp 1047–1050

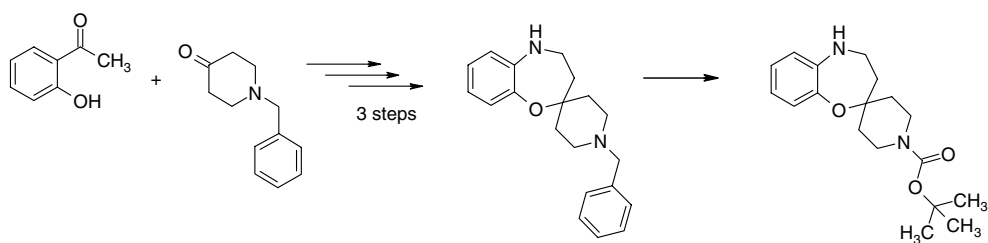
Fausta Ulgheri, Gianmauro Orrù, Marco Crisma and Pietro Spanu*



Synthesis and structural studies of a novel scaffold for drug discovery: a 4,5-dihydro-3H-spiro[1,5-benzoxazepine-2,4'-piperidine]

pp 1051–1054

Nicolas Willand,* Terence Beghyn, Guy Nowogrocki, Jean-Claude Gesquiere and Benoit Deprez

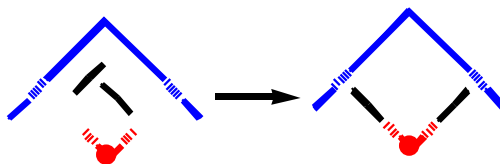


Scaffold for multisite functionalization



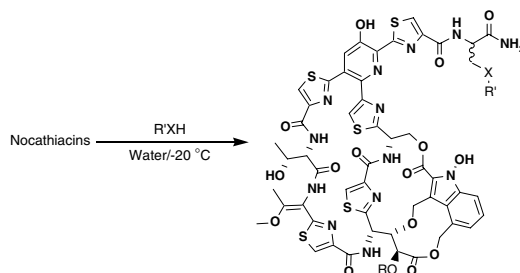
Quantitative self-assembly of a hetero-bimetallic trinuclear square-shaped macrocycle
 Magdalena Capó* and Pablo Ballester

pp 1055–1058

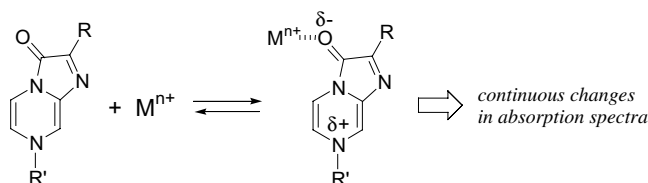


Organic reactions in frozen water: Michael addition of amines and thiols to the dehydroalanine side chain of nocathiacins pp 1059–1063

B. Narasimhulu Naidu,* Wenyng Li, Margaret E. Sorenson, Timothy P. Connolly, John A. Wichtowski, Yunhui Zhang, Oak K. Kim, John D. Matiskella, Kin S. Lam, Joanne J. Bronson and Yasutsugu Ueda


Metal-ion complexation of imidazo[1,2-*a*]pyrazin-3(7*H*)-ones: continuous changes in absorption spectra of complexes depending on the Lewis acidity of the metal ion pp 1065–1069

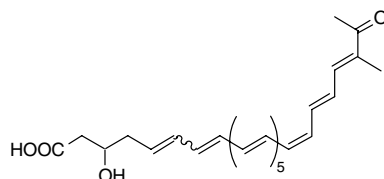
Takashi Sekiguchi, Shojiro Maki, Haruki Niwa, Hiroshi Ikeda and Takashi Hirano*


Oxygen transfer from sulfoxide: formation of aromatic aldehydes from dihalomethylarenes pp 1071–1074

Wei Li,* Jianchang Li, Dianne DeVincentis and Tarek S. Mansour


Laetiporic acid, a new polyene pigment from the wood-rotting basidiomycete *Laetiporus sulphureus* (Polyporales, Fungi) pp 1075–1078

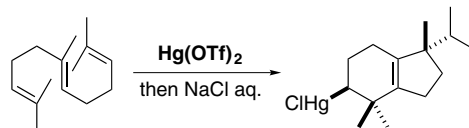
Roland W. S. Weber, Adele Mucci and Paolo Davoli*


 A new fungal polyene of non-isoprenoid origin bearing an unusual decaene system in its chromophore has been characterised as the main pigment in fruit-bodies of *Laetiporus sulphureus*.

Cyclization of dienols, polyenes, and dienyne mediated by mercuric salts: course of cyclizations controlled by stability of cationic intermediates

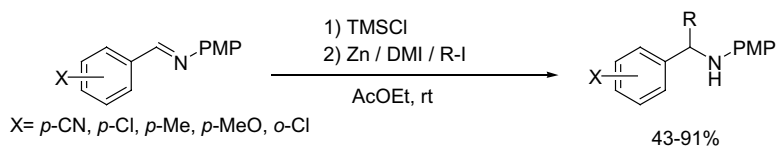
pp 1079–1082

Hiroko Takao, Akihito Wakabayashi, Kazuya Takahashi, Hiroshi Imagawa, Takumichi Sugihara* and Mugio Nishizawa*


Zinc metal-promoted nucleophilic addition of nonactivated alkyl iodides to aromatic aldimines in the presence of chlorotrimethylsilane in ethyl acetate–DMI

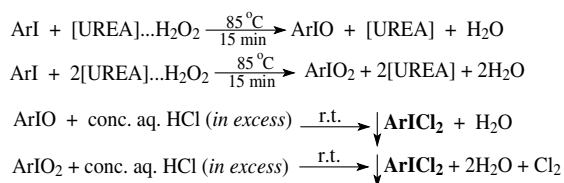
pp 1083–1086

Toshiyuki Iwai, Takatoshi Ito, Takumi Mizuno and Yoshio Ishino*


A solvent-free synthesis of (dichloroiodo)arenes from iodoarenes

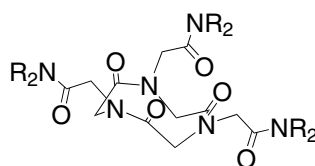
pp 1087–1089

Agnieszka Zielinska and Lech Skulski*


Synthesis of *N*-substituted cyclic triglycines and their response to metal ions

pp 1091–1094

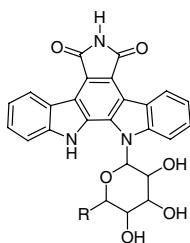
Hideaki Hioki,* Hiroyuki Kinami, Atsushi Yoshida, Aoi Kojima, Mitsuaki Kodama, Shigeru Takaoka, Keisuke Ueda and Takashi Katsu


 R = CH₂CH₂OBn

 Selective response to Ca²⁺

Synthesis of indolo[2,3-*a*]carbazole glycoside analogs of rebeccamycin: inhibitors of cyclin D1-CDK4 pp 1095–1098

Margaret M. Faul,* Kevin A. Sullivan, John L. Grutsch, Leonard L. Winneroski, Chuan Shih, Concha Sanchez-Martinez and Jeremy T. Cooper

**OTHER CONTENTS**Contributors to this issue
Instructions to contributorsp I
pp III–V

*Corresponding author

①⁺ Supplementary data available via ScienceDirectFull text of this journal is available, on-line from **ScienceDirect**. Visit www.sciencedirect.com for more information.**CONTENTS**
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