

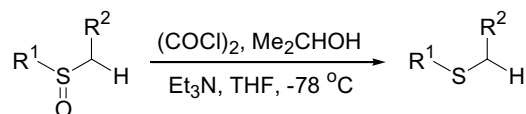
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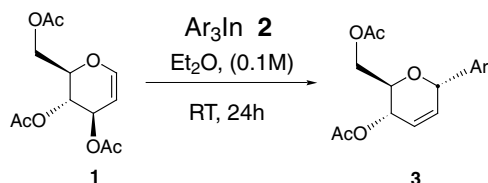
- Different recognitions of (*E*)- and (*Z*)-1,1'-binaphthyl ketoximes using lipase-catalyzed reactions** pp 5189–5192
Naoto Aoyagi,* Shinji Kawauchi and Taeko Izumi



- A mild protocol for the deoxygenation of α -hydrogen-containing sulfoxides to the corresponding sulfides** pp 5193–5195
Gurpreet S. Bhatia and Piotr P. Graczyk*



- Synthesis of *C*-aryl- $\Delta^{2,3}$ -glycopyranosides via uncatalyzed addition of triaryliindium reagents to glycols** pp 5197–5201
Sarah Price, Stephen Edwards, Tiffany Wu and Thomas Minehan*



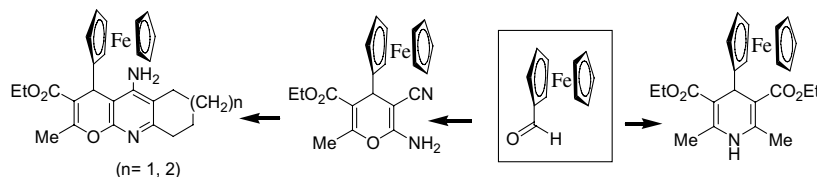
2,3-Unsaturated-*C*-aryl glycopyranosides are important intermediates in the synthesis of medicinally important *C*-aryl glycosides. Treatment of glycol acetates such as **1** with triaryliindiums **2** in ether at room temperature gives high yields of *C*-aryl- $\Delta^{2,3}$ -glycopyranosides **3** of predominantly α -configuration.



Synthesis, electrochemical and biological studies on polyfunctionalized 4-ferrocenyl-4*H*-pyran and 4-ferrocenyl-1,4-dihydropyridine derivatives

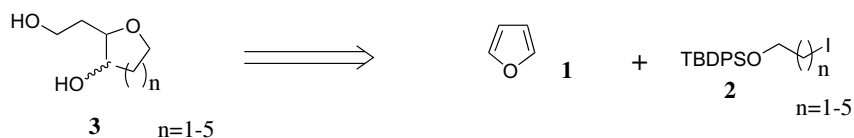
pp 5203–5205

José Marco-Contelles,* Rafael León, Enrique Morales, Mercedes Villarroya and Antonio G. García


The furan approach to oxacycles: synthesis of medium-size 2,3-disubstituted oxacycles

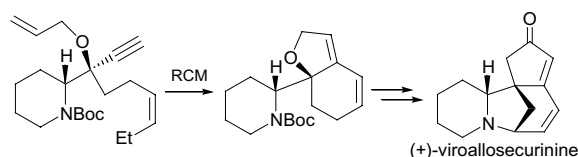
pp 5207–5209

Manuel Pérez, Pilar Canoa, Generosa Gómez, Carmen Terán and Yagamare Fall*


First total synthesis of (+)-viroallosecurinine

pp 5211–5213

Toshio Honda,* Hidenori Namiki, Masayuki Watanabe and Hirotake Mizutani

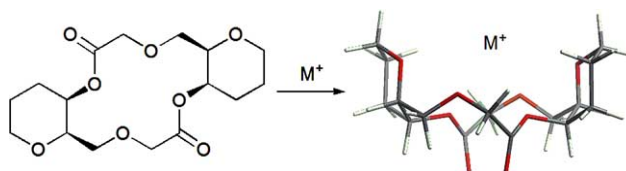


The first diastereoselective total synthesis of (+)-viroallosecurinine was achieved starting from (+)-pipercolinic acid by employing a tandem ring-closing metathesis of a dienyne derivative, prepared via chelation-controlled addition of an alkyne moiety to the corresponding ketone.

The *cis*-2-alkyl-3-oxy-tetrahydropyran unit as a building block for new ionophores with C_2 -symmetry

pp 5215–5219

Romen Carrillo, Victor S. Martín and Tomás Martín*



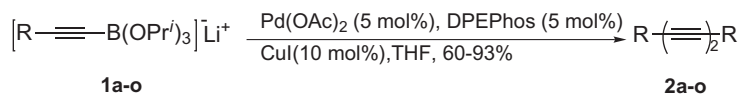
The *cis*-2-alkyl-3-oxy-tetrahydropyran unit as a novel structure for the design and synthesis of a new type of ionophore with C_2 -symmetry is reported. The synthesis of five macrolides and their complexation properties were investigated.



A mild and efficient palladium-catalyzed homocoupling of lithium alkynyltriisopropoxyborates: a new route to synthesis of 1,3-diynes

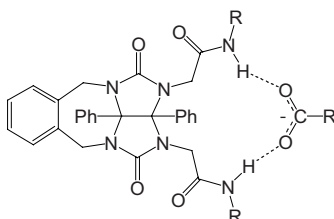
pp 5221–5224

Chang Ho Oh* and V. Raghava Reddy

**Carboxylate anion selective receptor with glycoluril molecular scaffold**

pp 5225–5228

Jongmin Kang,* Jee-hye Jo and Sungjae In

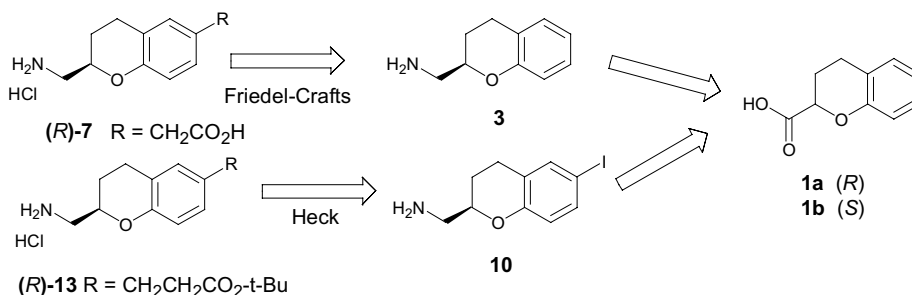


Glycoluril based tweezer-type receptor has been designed and synthesized. This receptor displays good affinities for Y-shaped anions such as acetate and benzoate, while binding spherical-shaped anions and tetrahedral-shaped anions only weakly.

**Synthesis of optically active 6-substituted 2-(aminomethyl)chromans**

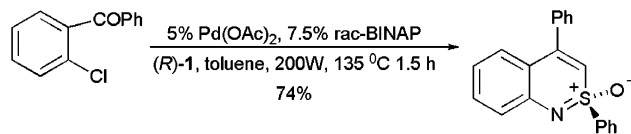
pp 5229–5231

Mingbao Zhang,* Raymond Reeves, Cheng Bi, Robert Dally, Gaetan Ladouceur, William Bullock and Jefferson Chin

**Microwave-assisted N-arylation of a sulfoximine with aryl chlorides**

pp 5233–5236

Michael Harmata,* Xuechuan Hong and Sunil K. Ghosh

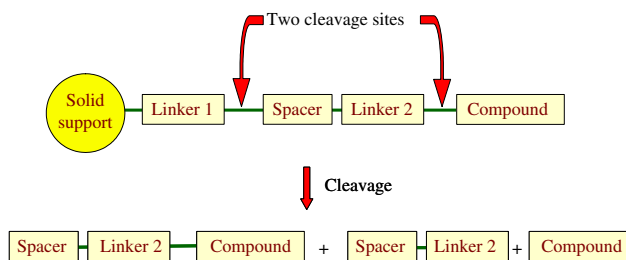


N-Arylsulfoximines and related species could be prepared in good to excellent yield by the palladium-catalyzed coupling of **1** with aryl chlorides under the influence of microwave irradiation.

Dual linker with a reference cleavage site for information rich analysis of polymer-supported transformations

pp 5237–5241

Viktor Krchňák* and Greg A. Slough

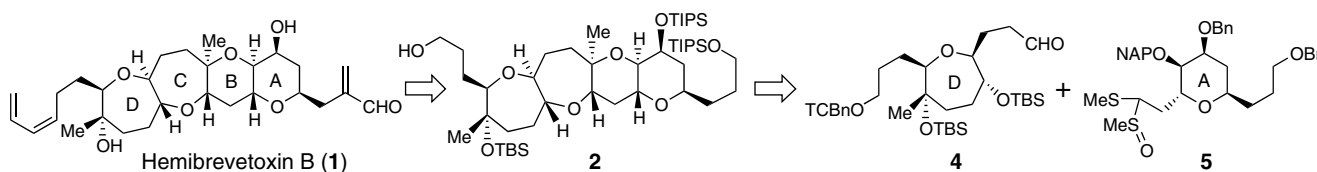


Dual linkers with specific reference cleavage sites accelerate and simplify development and optimization of reaction conditions for solid-phase synthesis.

Formal total synthesis of hemibrevetoxin B by a convergent strategy

pp 5243–5246

Kenshu Fujiwara,* Daisuke Sato, Manabu Watanabe, Hiroshi Morishita, Akio Murai, Hidetoshi Kawai and Takanori Suzuki

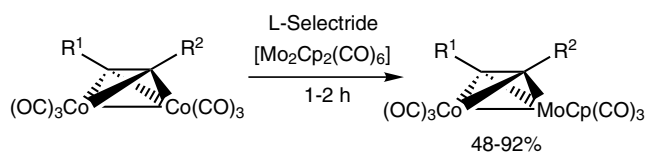


Concise construction of the *trans*-fused 7/7/6/6 tetracyclic ether part **2** of hemibrevetoxin B (**1**) from the A- and D-ring segments (**5** and **4**) was achieved.

A simple method for the preparation of heterobimetallic alkyne complexes

pp 5247–5250

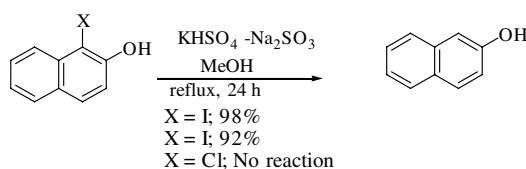
Anthony J. Fletcher, Ross Fryatt, David T. Rutherford and Steven D. R. Christie*



Reductive dehalogenation of halophenols in sulfite–bisulfate medium

pp 5251–5252

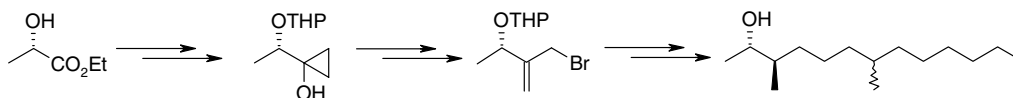
Subbarayappa Adimurthy and Gadde Ramachandraiah*



Transformation of esters into allyl halides via substituted cyclopropanols. Application in the synthesis of (2*S*,3*R*,7*R*/*S*)-3,7-dimethyltridec-2-yl acetate and propionate, sex attractants of pine sawfly *Diprion pini*

pp 5253–5255

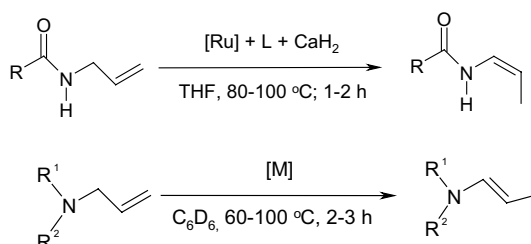
Andrey V. Bekish, Konstantin N. Prokhorevich and Oleg G. Kulinkovich*



Highly selective isomerization of *N*-allylamides and *N*-allyl amines

pp 5257–5261

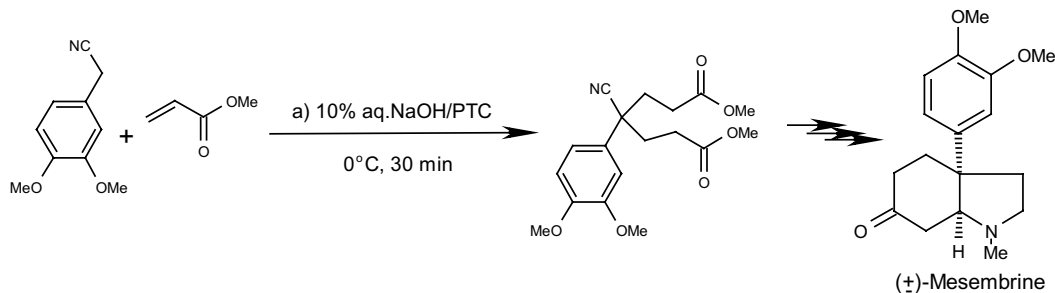
Stanisław Krompiec, Mariola Pigulla,* Michał Krompiec, Stefan Baj, Julita Mrowiec-Białoń and Janusz Kasperczyk



A simple and efficient synthesis of (±)-mesembrine

pp 5263–5265

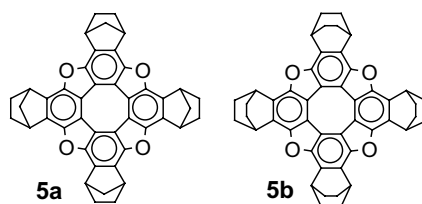
Subhash P. Chavan,* Dushant A. Khobragade, Ashok B. Pathak and U. R. Kalkote



Soluble cycloannulated tetroxa[8]circulane derivatives: synthesis, optical and electrochemical properties, and generation of their robust cation–radical salts

pp 5267–5270

Rajendra Rathore* and Sameh H. Abdelwahed

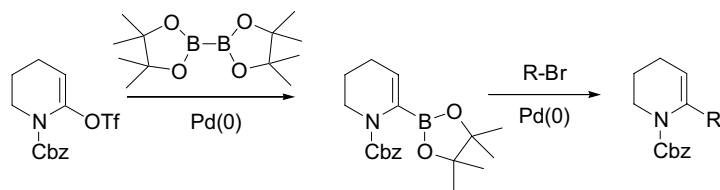


A simple and efficient synthesis of soluble circulane derivatives and isolation of their stable cation–radical salts is accomplished.

A lactam-derived vinyl boronate as a stable and crystalline reagent for the synthesis of 2-substituted piperidines by Pd-catalyzed coupling reactions

pp 5271–5274

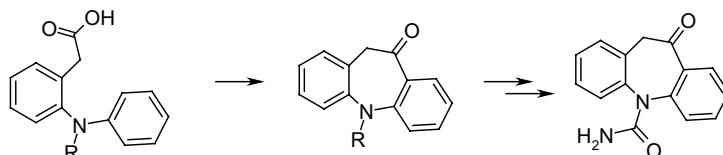
Alessandro Ferrali, Antonio Guarna, Fabrizio Lo Galbo and Ernesto G. Occhiato*



A new synthesis of oxcarbazepine using a Friedel–Crafts cyclization strategy

pp 5275–5278

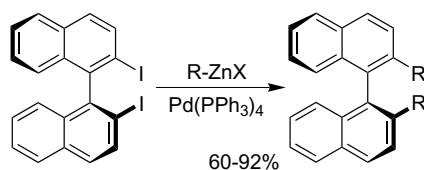
Daniel Kaufmann,* Peter C. Fünfschilling,* Ulrich Beutler, Pascale Hoehn, Olivier Lohse and Werner Zaugg



Elaboration of a novel effective approach to enantiopure functionalised 2,2'-dialkyl-1,1'-binaphthyls by stereoconservative cross-couplings at positions 2 and 2'

pp 5279–5282

Peter Kasák and Martin Putala*



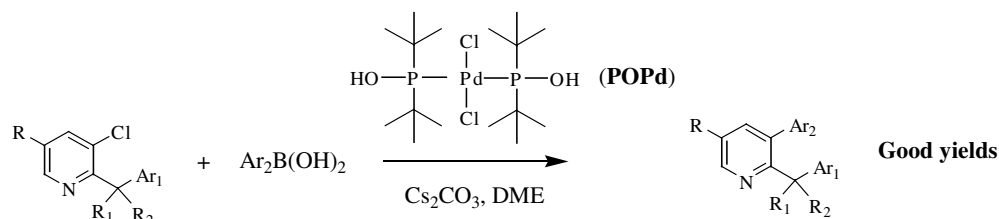
A study on cross-coupling alkylations of 1,1'-binaphthyl-2,2'-dielectrophiles shows that only Negishi coupling of the diiodide satisfies requirements of economy (in terms of reaction steps), yield and stereoconservation for the effective synthesis of functionalised 2,2'-dialkylated derivatives.



Use of highly reactive, versatile and air-stable palladium–phosphinous acid complex [(*t*-Bu)₂P(OH)]₂PdCl₂ (POPd) as a catalyst for the optimized Suzuki–Miyaura cross-coupling of less reactive heteroaryl chlorides and arylboronic acids

pp 5283–5286

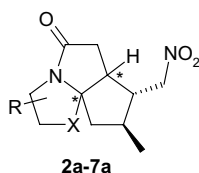
Subhash P. Khanapure* and David S. Garvey



A simple reaction to produce small structurally complex and diverse molecules

pp 5287–5290

Rebecca Deprez-Poulain, Nicolas Willand, Christophe Boutillon, Guy Nowogrocki, Nathalie Azaroual and Benoit Deprez*



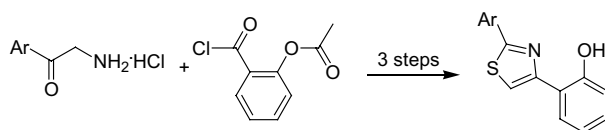
We describe the stereoselective synthesis of tricyclic lactams containing a chiral quaternary center and suitable for the synthesis of chemical libraries in order to mimic the complexity of natural compounds.



Synthesis and scintillating efficiencies of 2,5-diarylthiazoles with intramolecular hydrogen bond

pp 5291–5294

Oleg V. Prezhdo,* Irina V. Lysova, Vitalii B. Distanov and Victor V. Prezhdo

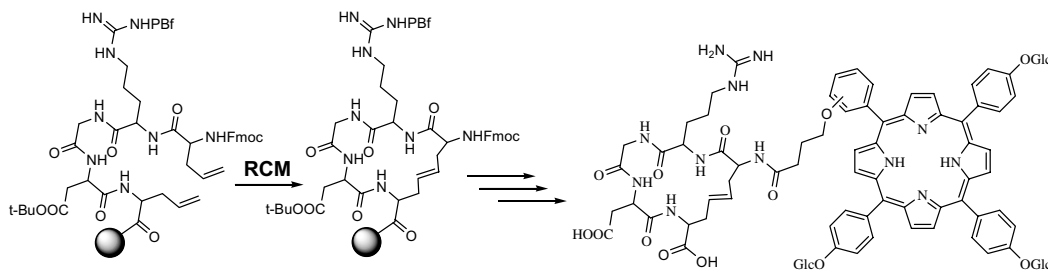


The synthesis of 2,5-diarylthiazoles with intramolecular hydrogen bond fluoresce at long wavelengths, show abnormally large Stokes' shifts and good radiation resistance.

Efficient synthesis of RGD-containing cyclic peptide–porphyrin conjugates by ring-closing metathesis on solid support

pp 5295–5299

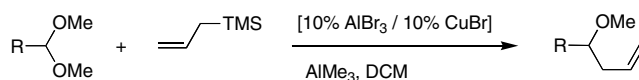
Vincent Chaleix, Vincent Sol, Michel Guilloton, Robert Granet and Pierre Krausz*



Allylation of acetals and ketals with allyltrimethylsilane catalyzed by the mixed Lewis acid system AlBr₃/CuBr

pp 5301–5304

Michael E. Jung* and Andreas Maderna

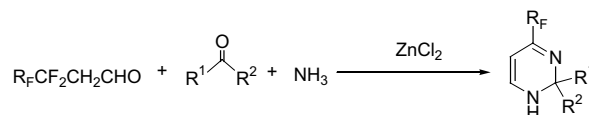


The new Lewis acid system AlBr₃/CuBr catalyzes the allylation of acetals and a cyclic ketal with allyltrimethylsilane to give homoallyl ethers. A small amount of AlMe₃ was added to scavenge unwanted HBr.



Unexpected reaction of 2,2-dihdropolyfluoroalkylaldehydes with ammonia and aldehydes or ketones: a novel synthetic method for 4-fluoroalkyl-1,2-dihydropyrimidine pp 5305–5307

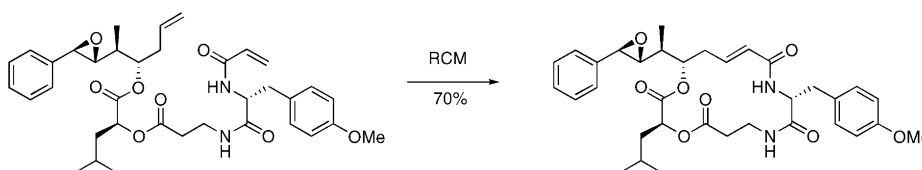
Xian-Jin Yang and Jin-Tao Liu*



RCM approach for the total synthesis of cryptophycin-24 (Arenastatin A)

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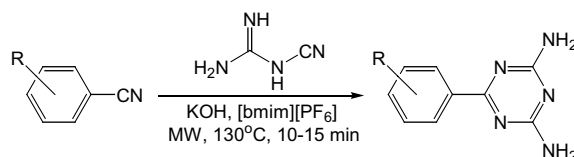
Narendra K. Tripathy and Gunda I. Georg*



Microwave-assisted clean synthesis of 6-aryl-2,4-diamino-1,3,5-triazines in [bmim][PF₆]

pp 5313–5316

Yanqing Peng and Gonghua Song*

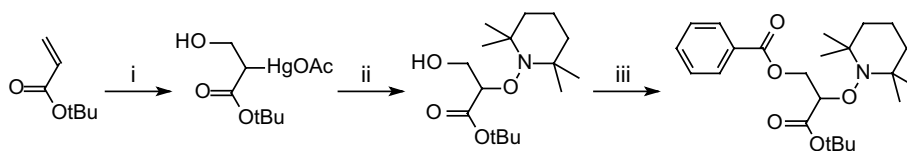


An efficient and green approach was developed to prepare 6-aryl-2,4-diamino-1,3,5-triazines from corresponding aryl nitriles and dicyandiamide in ionic liquid [bmim][PF₆] under computer-controlled microwave irradiation.

Stable free radical polymerization—acrylate alkoxyamine synthesis

pp 5317–5319

Julie L. Lukkarila, Gordon K. Hamer and Michael K. Georges*



(i) H₂O, Hg(OAc)₂

(ii) DMF, TEMPO, 5°C; O₂ then NaBH₃CN, 2h

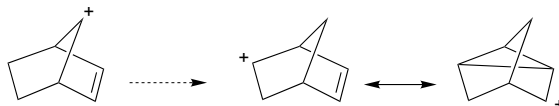
(iii) CH₂Cl₂, pyridine, 5°C; then benzoyl chloride, 5–25°C



Unexpected interconnection of the 7-norbornenyl and 3-nortricyclyl/5-norbornen-2-yl cations

pp 5321–5324

Robert A. Moss* and Xiaolin Fu

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*Corresponding author

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