

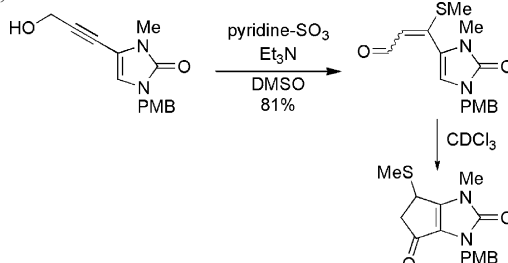
Contents

COMMUNICATIONS

Unusual oxidation behaviour of a propargylic alcohol

pp 6541–6543

Michael J. Porter,* Nicola J. White, Garnet E. Howells and David D. P. Laffan

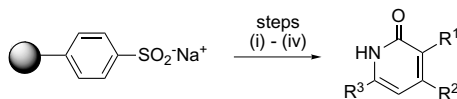


Attempts to convert a propargylic alcohol bearing an imidazolone substituent to the corresponding aldehyde under Parikh–Doering conditions gave an α,β -unsaturated- β -methylsulfanyl aldehyde, which cyclised under mildly acidic conditions.

A facile solid-phase synthesis of 3,4,6-trisubstituted-2-pyridones using sodium benzenesulfinate as a traceless linker

pp 6545–6547

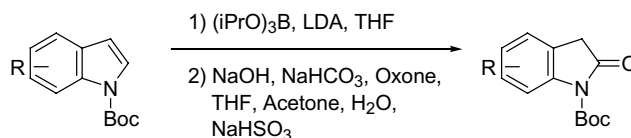
Weiwei Li, Yu Chen and Yulin Lam*



Conversion of 1-Boc-indoles to 1-Boc-oxindoles

pp 6549–6550

Enrique Vazquez* and Joseph F. Payack*



Investigation into the mechanism of lithiation of 2,3-dihydrooxepin

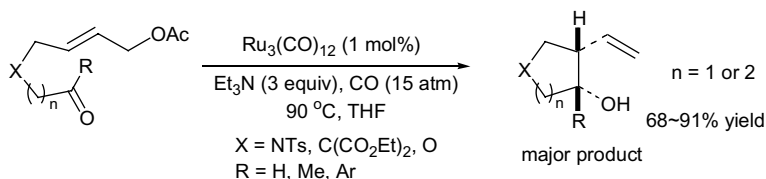
pp 6551–6555

Zhiqing Yan and John F. Sebastian*

**Ru₃(CO)₁₂-catalyzed intramolecular allylic transfer reaction of tethered carbonyl group and allylic acetate moiety**

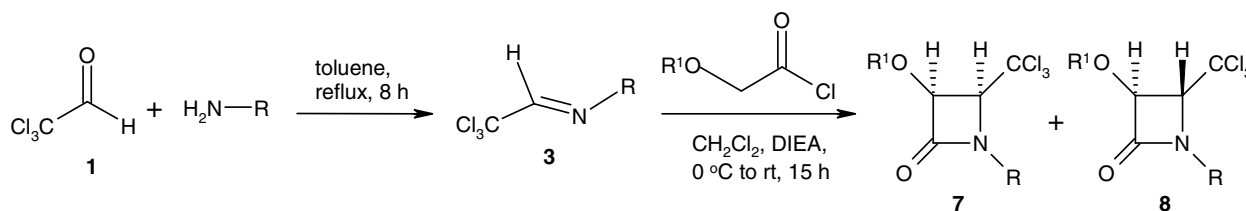
pp 6557–6561

Chan-Mo Yu,* Sungwon Lee, Young-Taek Hong and Seok-Keun Yoon

**Facile stereoselective synthesis of 1,3-disubstituted-4-trichloromethyl azetidin-2-ones**

pp 6563–6566

V. V. Govande and A. R. A. S. Deshmukh*

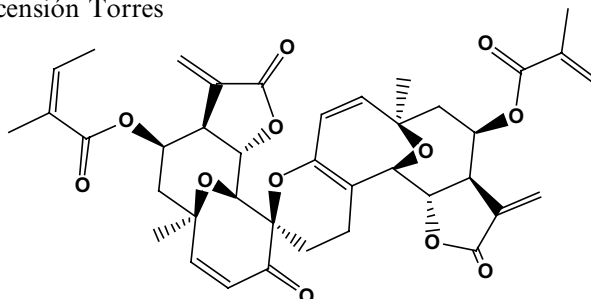


The highly stereoselective synthesis of 1,3-disubstituted-4-trichloromethyl azetidin-2-ones by the [2+2] cycloaddition of ketenes with imines derived from chloral is described.

Helivypolide G. A novel dimeric bioactive sesquiterpene lactone

pp 6567–6570

Francisco A. Macías,* Adriana López, Rosa M. Varela, José M. G. Molinillo, Pedro Luis C. A. Alves and Ascensión Torres

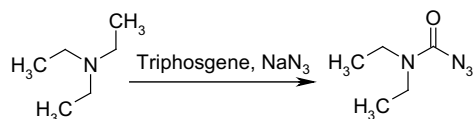


Helivypolide G was isolated from leaves of *Helianthus annuus* L. cv. Stella.

One-pot preparation of dialkylcarbamoyl azides from tertiary amines using triphosgene and sodium azide

pp 6571–6573

V. K. Gumaste and A. R. A. S. Deshmukh*

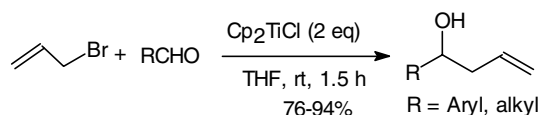


A simple one-pot method for the preparation of dialkylcarbamoyl azides from tertiary amines using triphosgene and sodium azide is described.

Mild and efficient allylation of aldehydes mediated by titanium(III) chloride

pp 6575–6577

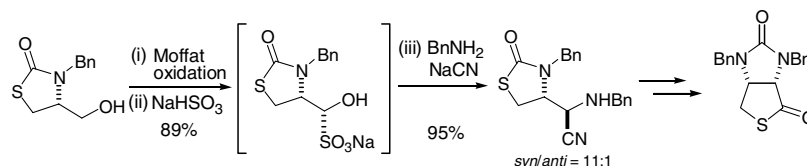
Samaresh Jana, Chandrani Guin and Subhas Chandra Roy*



An efficient and practical procedure for Strecker reaction: a highly diastereoselective synthesis of a key intermediate for (+)-biotin

pp 6579–6581

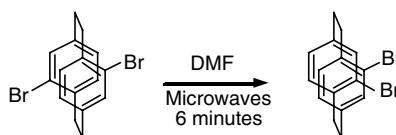
Masahiko Seki,* Masanori Hatsuda and Shin-ichi Yoshida



A preparative microwave method for the isomerisation of 4,16-dibromo[2.2]paracyclophane into 4,12-dibromo[2.2]paracyclophane

pp 6583–6585

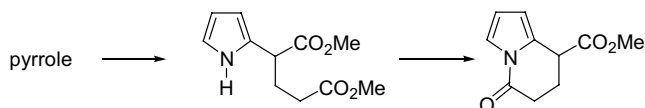
D. Christopher Braddock,* Simon M. Ahmad and Gordon T. Douglas



Tandem radical-electrophilic annulations to pyrrole

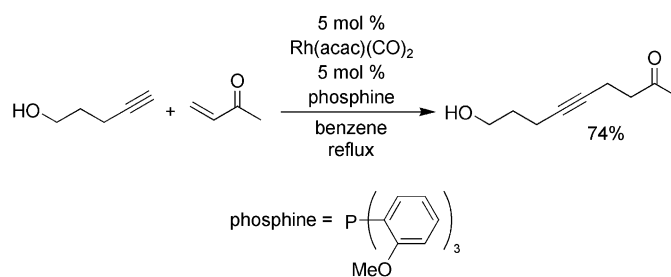
pp 6587–6590

Jeffrey H. Byers,* Anne DeWitt, Christopher G. Nasveschuk and John E. Swigor

**Rhodium-catalyzed 1,4-addition of terminal alkynes to vinyl ketones**

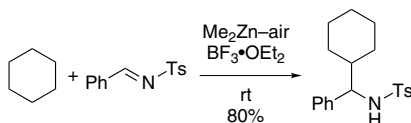
pp 6591–6594

Ronald V. Lerum and John D. Chisholm*

**Direct aminoalkylation of cycloalkanes through dimethylzinc-initiated radical process**

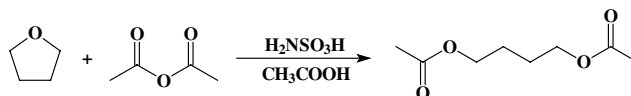
pp 6595–6597

Ken-ichi Yamada, Yasutomo Yamamoto, Masaru Maekawa, Jingbo Chen and Kiyoshi Tomioka*

**Sulfamic acid as a cost-effective catalyst instead of metal-containing acids for acetolysis of cyclic ethers**

pp 6599–6602

Bo Wang, Yanlong Gu, Weizhong Gong, Yuru Kang, Liming Yang* and Jishuan Suo

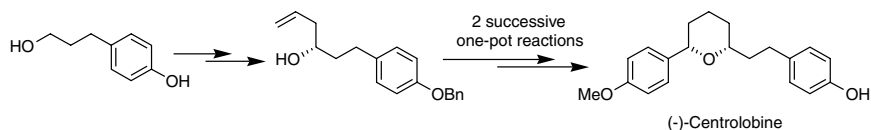


Sulfamic acid has been used as an efficient catalyst for acetolysis reaction of THF to produce 1,4-diacetoxybutane. This method is applicable also to the acetolysis of other cyclic ethers, such as methyl substituted THF and tetrahydropyran and 1,4-dioxane.

Two successive one-pot reactions leading to the expeditious synthesis of (-)-centrolobine

pp 6603–6605

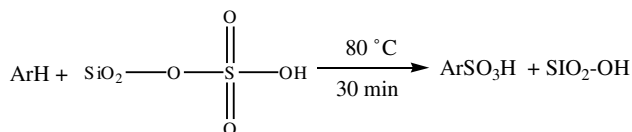
Lucie Boulard, Samir BouzBouz,* Janine Cossy,* Xavier Franck and Bruno Figadère*



A novel method for sulfonation of aromatic rings with silica sulfuric acid

pp 6607–6609

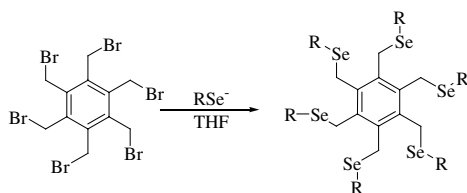
Abdol R. Hajipour,* Bi Bi F. Mirjalili, Amin Zarei, Leila Khazdooz and A. E. Ruoho



An efficient synthesis and structural aspects of hexakis(arylseleno)benzenes and hexakis(arylselenomethyl)benzenes

pp 6611–6613

Naveen Kumar, Marilyn Daisy Milton and Jai Deo Singh*

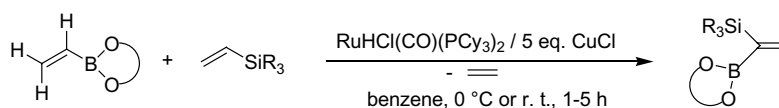


R = C₆H₅; *p*-MeC₆H₄; *p*-MeO-C₆H₄; 2,4,6-Me₃C₆H₂; 2,4,6-ⁱPrC₆H₂; 2,4,6-^tBuC₆H₂

Highly selective synthesis of 1-(silyl)-1-(boryl)ethenes via a ruthenium-catalyzed silylative coupling reaction

pp 6615–6618

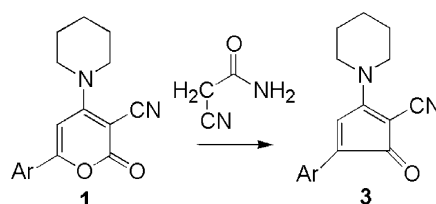
Magdalena Jankowska, Bogdan Marciniak,* Cezary Pietraszuk, Joanna Cytarska and Marek Zaidlewicz



One-pot synthesis of cyclopentadienones through ring contraction of 2H-pyran-2-ones

pp 6619–6621

Diptesh Sil, Ashoke Sharon, Prakas R. Maulik and Vishnu Ji Ram*

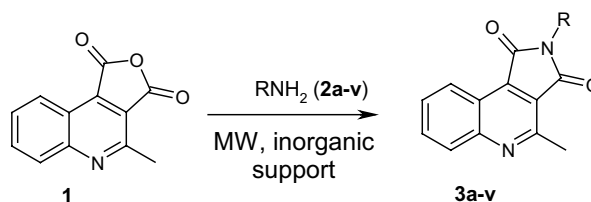


The synthesis of cyclopentadienones via a ring contraction reaction is described.

Microwave-assisted solvent-free synthesis of a quinoline-3,4-dicarboximide library on inorganic solid supports

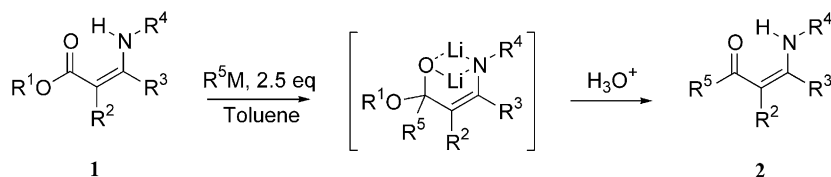
pp 6623–6627

Annalisa Mortoni,* Marisa Martinelli,* Umberto Piarulli, Nickolas Regalia and Stefania Gagliardi

**The reaction of β -enaminoesters with organolithium reagents: a convenient method for the regioselective synthesis of enaminketones**

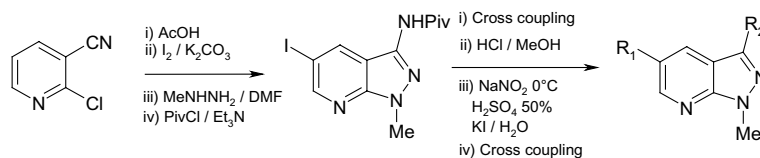
pp 6629–6631

Cristina Cimarelli, Gianni Palmieri* and Emanuela Volpini

**Synthesis of 3,5-difunctionalized 1-methyl-1H-pyrazolo[3,4-b]pyridines involving palladium-mediated coupling reactions**

pp 6633–6636

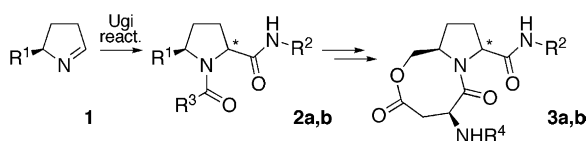
G. Lavecchia, S. Berteina-Raboin and G. Guillaumet*



Enantio- and diastereoselective synthesis of 2,5-disubstituted pyrrolidines through a multicomponent Ugi reaction and their transformation into bicyclic scaffolds

pp 6637–6640

Luca Banfi, Andrea Basso, Giuseppe Guanti and Renata Riva*

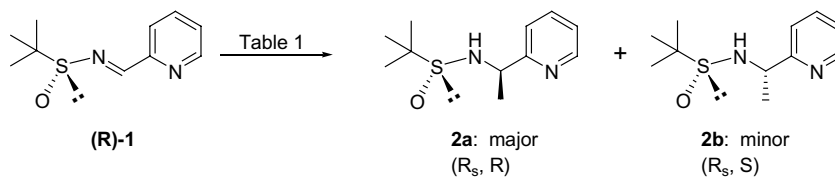


2,5-Disubstituted pyrrolidines **2a,b** have been prepared from L-glutamic acid by a diastereoselective Ugi condensation on pyrroline **1**. Intermediates **2a,b** have been converted into diastereomeric bicyclic lactones **3a,b**.

Reversal of diastereoselection in the addition of Grignard reagents to chiral 2-pyridyl *tert*-butyl (Ellman) sulfinimines

pp 6641–6643

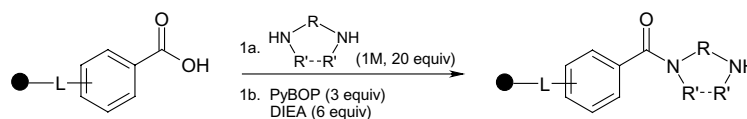
Scott D. Kuduk,* Robert M. DiPardo, Ronald K. Chang, Christina Ng and Mark G. Bock



Monoacylation of unprotected symmetrical diamines with resin-bound benzoic acids

pp 6645–6648

Yonghui Wang,* Jian Jin, Michael L. Moore, Todd L. Graybill, Feng Wang, Michelle A. Wang, Bing Wang, Qian Jin and Ralph A. Rivero

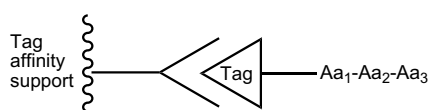


Control of diamine concentration was critical for efficient monoacylation of diverse symmetrical 1° and 2° cyclic/acyclic diamines.

The 4-*tert*-butylphenyl group as a simple tag for solution phase synthesis

pp 6649–6652

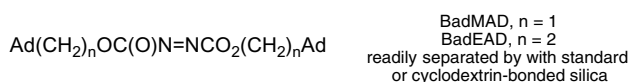
Jordan Blodgett and Tingyu Li*



Separation tagging with cyclodextrin-binding groups: Mitsunobu reactions with bis-(2-(1-adamantyl)ethyl) azodicarboxylate (BadEAD) and bis-(1-adamantylmethyl) azodicarboxylate (BadMAD)

pp 6653–6656

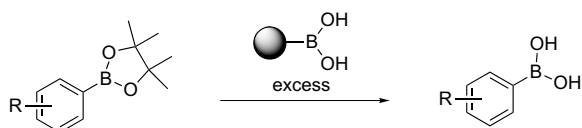
Sivaraman Dandapani, Jeffery J. Newsome and Dennis P. Curran*



Deprotection of pinacolyl boronate esters by transesterification with polystyrene–boronic acid

pp 6657–6660

Thomas E. Pennington, Cynantya Kardiman and Craig A. Hutton*

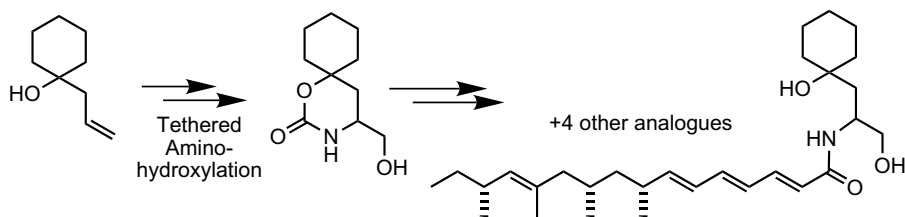


A mild, efficient method for the deprotection of pinacolyl organoboronate esters is described. Treatment of the organoboronate ester with excess polystyrene–boronic acid followed by filtration and evaporation of the solvent provides the corresponding organoboronic acid.

The preparation of simplified scyphostatin analogues using a tethered aminohydroxylation (TA) strategy

pp 6661–6664

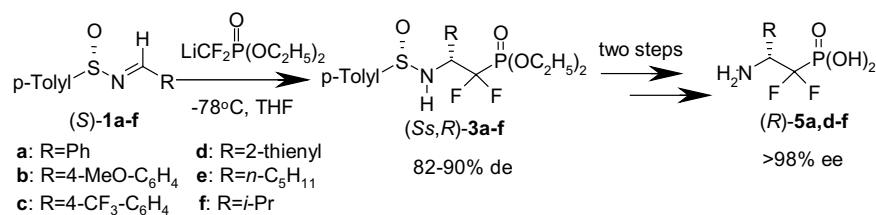
Martin N. Kenworthy, Graeme D. McAllister and Richard J. K. Taylor*



Asymmetric synthesis of α,α -difluoro- β -amino phosphonic acids using sulfinimines

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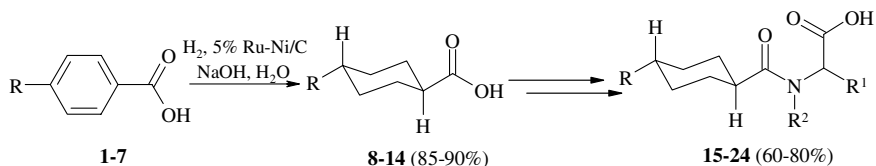
Gerd-Volker Röschenthaler,* Valery Kukhar, Jan Barten, Natalia Gvozdevska, Michael Belik and Alexander Sorochinsky*



Improved synthesis of *trans*-4-alkylcyclohexane carboxylic acids

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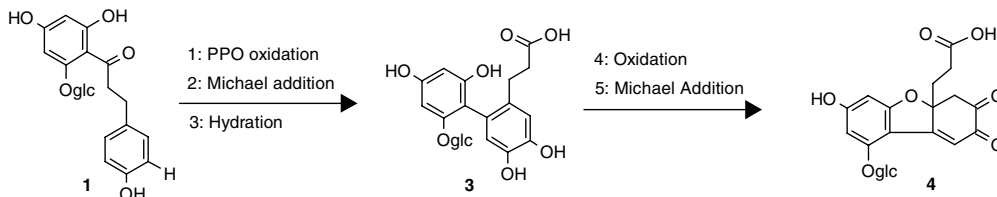
Alexey A. Bazurin, Sergey V. Krasnikov,* Tatiana A. Obuchova, Angelina S. Danilova and Konstantin V. Balakin



New compounds obtained by enzymatic oxidation of phloridzin

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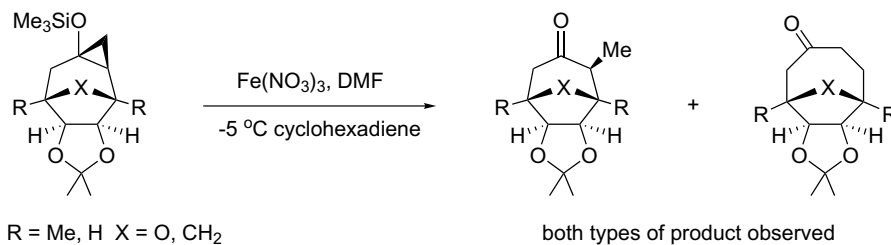
Christine Le Guernevé, Philippe Sanoner, Jean-François Drilleau and Sylvain Guyot*



Novel features of iron-mediated radical reactions: an unusual mode of silyloxycyclopropane fission, and a new method for radical chain termination using CH_2I_2

pp 6679–6683

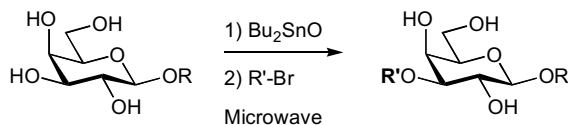
Adrian Highton, Raffaella Volpicelli and Nigel S. Simpkins*



Microwave-assisted, tin-mediated, regioselective 3-*O*-alkylation of galactosides

pp 6685–6687

Lluís Ballell, John A. F. Joosten, Fatna Ait el Maate, Rob M. J. Liskamp and Roland J. Pieters*




A quick and efficient microwave-assisted one-pot 3-*O*-alkylation of galactosides is described. The efficiency is due to a combination of rapid dibutylstannylation and subsequent alkylation, both promoted by microwave irradiation.

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Contributors to this issue
Instructions to contributors

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*Corresponding author

+ Supplementary data available via ScienceDirect

COVER

A new reaction of cycloalkanes and imines, direct aminoalkylation of cycloalkanes was achieved through a radical process initiated by dimethylzinc and air. This reaction provides a new methodology to functionalize simple alkanes under mild conditions. Details can be found in *Tetrahedron Letters* **2004**, 45, 6595–6597.

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