

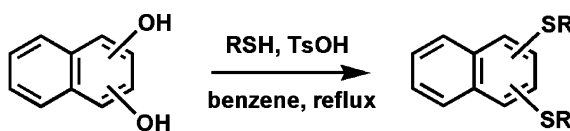
Contents

COMMUNICATIONS

An efficient one-pot synthesis of bisalkylthioarenes

pp 457–459

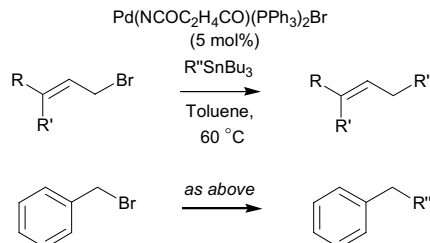
Porntip Charoonniyomporn, Tienthong Thongpanchang,* Suteera Witayakran,
Yodhathai Thebtaranonth, Karen E. S. Phillips and Thomas J. Katz



Efficient and selective Stille cross-coupling of benzylic and allylic bromides using bromobis(triphenylphosphine)(*N*-succinimide)palladium(II)

pp 461–465

Catherine M. Crawford, Ian J. S. Fairlamb* and Richard J. K. Taylor*

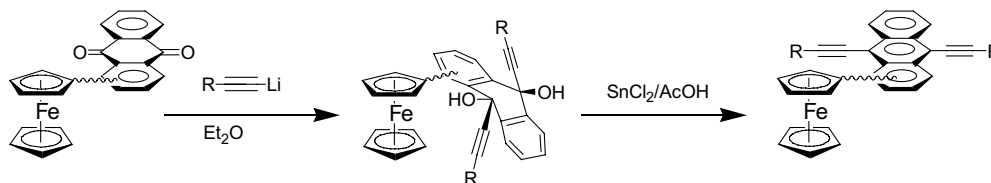


A range of allylic and benzylic halides are cross-coupled in good yields using the precatalyst, Pd(NCOC₂H₄CO)(PPh₃)₂Br.

Ferrocenyl-substituted fluorescent anthracenes and anthraquinones

pp 467–472

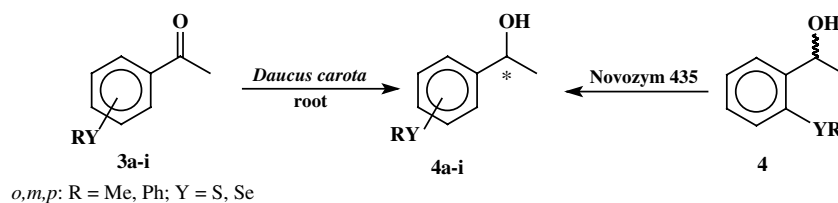
Ian R. Butler,* Alfonso G. Callabero, Glenn A. Kelly, Jennifer R. Amey, Tobias Kraemer,
Dafydd A. Thomas, Mark E. Light, Thomas Gelbrich and Simon J. Coles



Preparation of chiral organochalcogeno- α -methylbenzyl alcohols via biocatalysis.
The role of *Daucus carota* root

pp 473–476

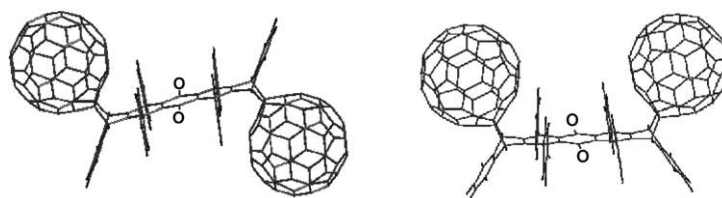
João V. Comasseto, Álvaro T. Omori, André L. M. Porto and Leandro H. Andrade*



Probing the spatial requirements for [60]fullerene–[60]fullerene π -stacking and the *syn* addition of [60]fullerenes across acenes

pp 477–481

Glen P. Miller* and Jonathan Briggs

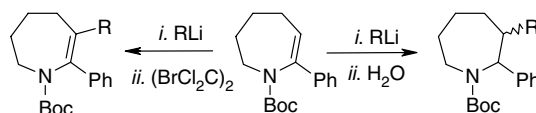


i+

Carbolithiation of ene-carbamates. Application to the synthesis of 2,3-disubstituted ene-carbamates

pp 483–484

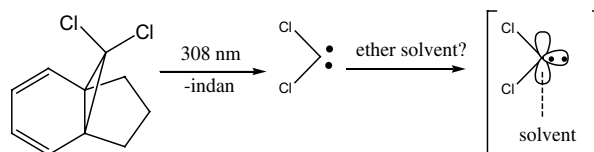
Franck Lepifre, Bertrand Cottineau, Deborah Mousset, Pascal Bouyssou and Gerard Coudert*



A search for dichlorocarbene ether solvent interactions

pp 485–486

Stanislav I. Presolski, Adelajda Zorba, Dasan M. Thamattoor,* Eric M. Tippmann and Matthew S. Platz*

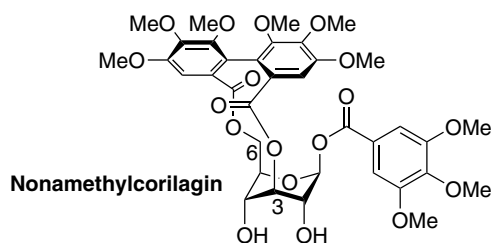


Interactions between dichlorocarbene and ether solvents were probed using laser flash photolysis techniques.

The first construction of a 3,6-bridged ellagitannin skeleton with $^1\text{C}_4/\text{B}$ glucose core; synthesis of nonamethylcorilagin

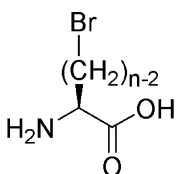
pp 487–489

Yasunori Ikeda, Kohei Nagao, Koki Tanigakiuchi, Go Tokumaru, Hitoshi Tsuchiya and Hidetoshi Yamada*

**Synthesis of L- α -amino- ω -bromoalkanoic acid for side chain modification**

pp 491–494

Louis A. Watanabe, Binoy Jose, Tamaki Kato, Norikazu Nishino* and Minoru Yoshida

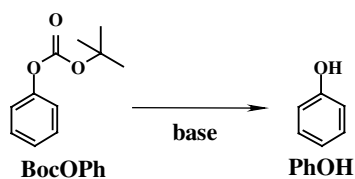


Abn (n = 6, 7, 8 etc.)

Base-labile *tert*-butoxycarbonyl (Boc) group on phenols

pp 495–499

Kozo Nakamura,* Takero Nakajima, Hiroshi Kayahara, Eisaku Nomura and Hisaji Taniguchi

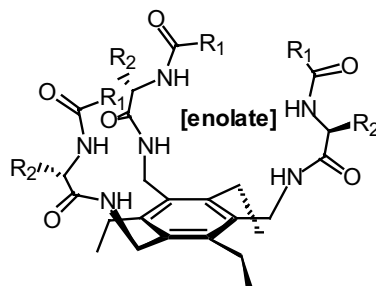


Phenols are deprotected with weak bases from their *tert*-butoxycarbonyl (Boc) derivatives. Boc deprotection with bases can avoid side reactions during the deprotection with acids. We note the lability of the Boc to bases and are able to utilize it as a new cleavage condition for synthetic studies.

**Asymmetric enolate alkylation via templation with chiral synthetic receptors**

pp 501–504

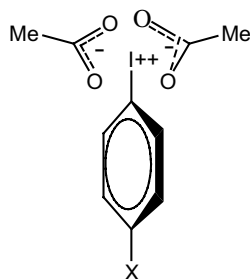
Brenda J. Postnikova and Eric V. Anslyn*



Solution structure of bis(acetoxy)iiodoarenes as observed by ^{17}O NMR spectroscopy

pp 505–507

Giovanni Cerioni* and Gianluca Uccheddu

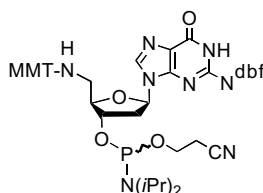


The ^{17}O NMR spectra of the title compounds show equivalence for all the oxygens in CDCl_3 solution. The possibility of an ion pair structure is discussed.

Synthesis of a formamidine-protected 5'-amino-2',5'-dideoxyguanosine phosphoramidite and preparation of 5'-acylamidooligonucleotides

pp 509–513

Jan A. Rojas Stütz and Clemens Richert*

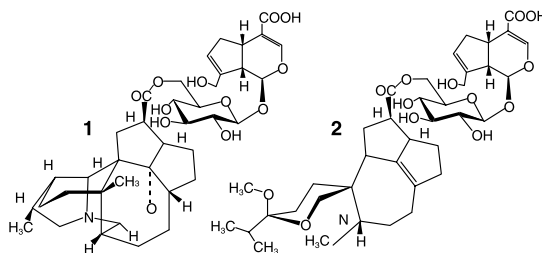


A phosphoramidite of 5'-amino-2',5'-dideoxyguanosine suitable for automated DNA synthesis was prepared from 2-*N*-(dibutylformamidino)-2'-deoxyguanosine via a three-pot route.

**Daphcalycinosidines A and B, new iridoid-alkaloids from *Daphniphyllum calycinum***

pp 515–518

Hoda El Bitar, Van Hung Nguyen, Anthony Gramain, Thierry Sévenet and Bernard Bodo*

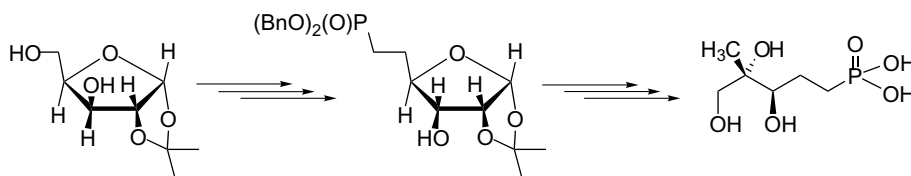


The structures of daphcalycinosidines A (1) and B (2) were determined by spectral methods and chemical modifications.

(3*R*,4*S*)-3,4,5-Trihydroxy-4-methylpentylphosphonic acid, an isosteric phosphonate analogue of 2-*C*-methyl-*D*-erythritol 4-phosphate, a key intermediate in the new pathway for isoprenoid biosynthesis

pp 519–521

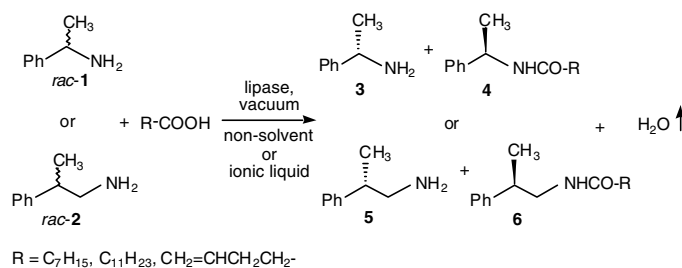
Guillaume Hirsch, Catherine Grosdemange-Billiard, Denis Tritsch and Michel Rohmer*



Lipase-catalyzed enantioselective reaction of amines with carboxylic acids under reduced pressure in non-solvent system and in ionic liquids

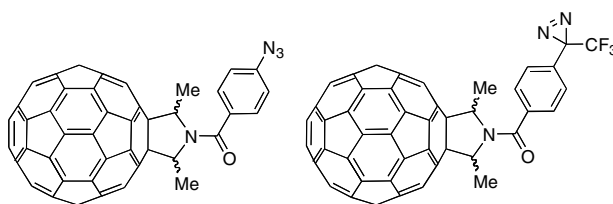
pp 523–525

Roxana Irimescu and Katsuya Kato*

**Synthesis of C₆₀ derivatives for photoaffinity labeling**

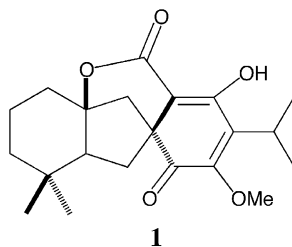
pp 527–529

Eiji Okada, Yuka Komazawa, Masaaki Kurihara, Hideshi Inoue, Naoki Miyata, Haruhiro Okuda, Toshie Tsuchiya and Yoko Yamakoshi*

**A trypanocidal diterpene with novel skeleton from *Dracocephalum komarovi***

pp 531–533

Nahoko Uchiyama, Michiho Ito, Fumiyouki Kiuchi, Gisho Honda,* Yoshio Takeda, Olimjon K. Khodzhimatov and Ozodbek A. Ashurmetov

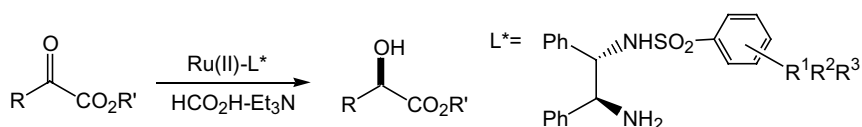


A new diterpene, komarovispirone (**1**) with a spiro-octahydroindene skeleton, was isolated from *Dracocephalum komarovi*, which showed trypanocidal activity against epimastigote of *Trypanosoma cruzi*.

Transfer hydrogenation of activated ketones using novel chiral Ru(II)-*N*-arenesulfonyl-1,2-diphenylethylenediamine complexes

pp 535–537

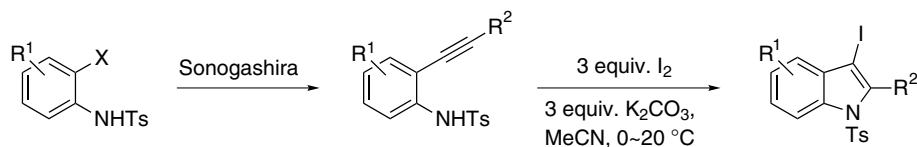
Damjan Šterk, Massoud S. Stephan and Barbara Mohar*



A simple, two-step synthesis of 3-iodoindoles

pp 539–541

Muhammad Amjad and David W. Knight*

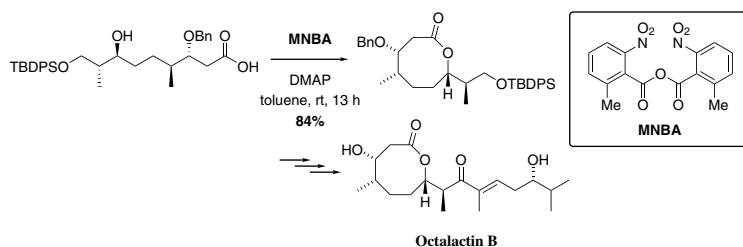


Efficient Sonogashira couplings provide rapid access to *N*-tosylsulfonamides, which undergo smooth 5-*endo*-dig iodocyclisations to give good to excellent yields of potentially useful 3-iodoindoles.

Asymmetric total synthesis of octalactin B using a new and rapid lactonization

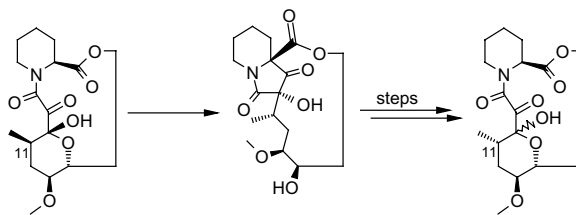
pp 543–547

Isamu Shiina,* Hiromi Oshiumi, Minako Hashizume, Yu-suke Yamai and Ryoutarou Ibuka

**Selective transformation of ascomycin into 11-*epi*-ascomycin**

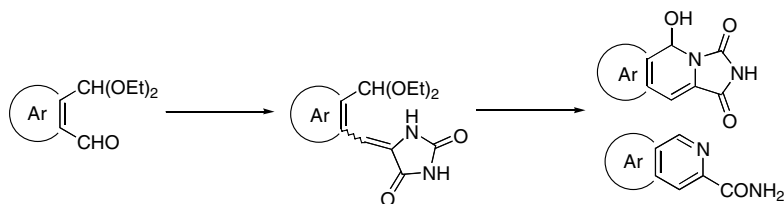
pp 549–551

Karl Baumann,* Markus Bacher, Annelaure Damont and Andrea Steck

**Synthesis of carbamoylpyridine and imidazo[1,5-*a*]pyridin-1,3-diones via *ortho*-acetalhydantoin intermediates**

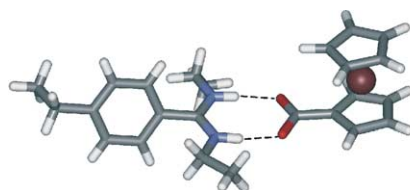
pp 553–556

Jean M. Chezal, Emmanuel Moreau, Nicolas Desbois, Yves Blache, Olivier Chavignon and Jean C. Teulade*



Pronounced stabilisation of the ferrocenium state of ferrocenecarboxylic acid by salt bridge formation with a benzamidine pp 557–560

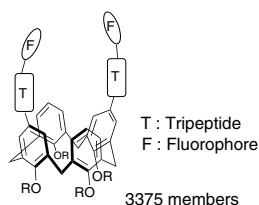
Graeme Cooke,* Florence M. A. Duclairoir, Arno Kraft, Georgina Rosair and Vincent M. Rotello



complexation with a benzamidine stabilizes the ferrocenium state of ferrocenecarboxylic acid

Synthesis of calix[4]arene library substituted with peptides at the upper rim pp 561–564

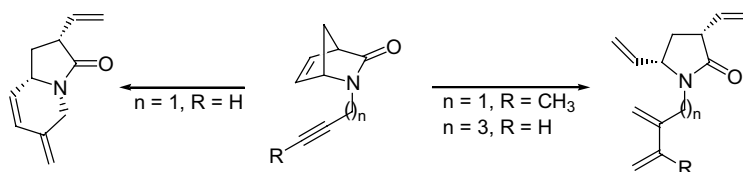
Hideaki Hioki,* Yumiko Ohnishi, Miwa Kubo, Emi Nashimoto, Yukinori Kinoshita, Miho Samejima and Mitsuaki Kodama



A fluorescence-labeled calix[4]arene library substituted with peptides at the upper rim was synthesized. Screening of the library for binding a dye-labeled oligopeptide indicated that some peptidocalix[4]arenes selectively bind the oligopeptide. The chemosensitivity of the library members for a target peptide was also investigated.

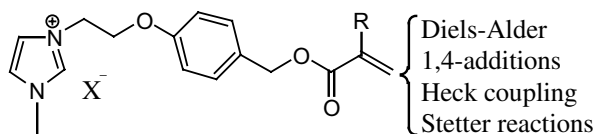
Control of product distribution in the domino metathesis reactions of *N*-alkynyl 2-azabicyclo[2.2.1]hept-5-en-3-ones. A convenient synthesis of functionalized γ -lactams and indolizidinones pp 565–567

Odón Arjona,* Aurelio G. Csáky, Vanessa León, Rocío Medel and Joaquín Plumet*



Synthesis and preliminary use of novel acrylic ester-derived task-specific ionic liquids pp 569–571

Siddam Anjaiah, Srivari Chandrasekhar and René Grée*

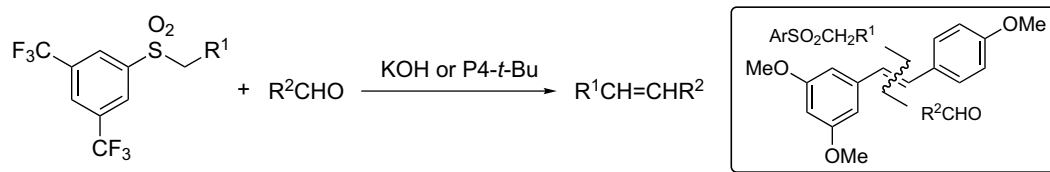


The synthesis and reactions of new task-specific ionic liquids (TSILs) **1** and **2** are described.

3,5-Bis(trifluoromethyl)phenyl sulfones in the modified Julia olefination: application to the synthesis of resveratrol

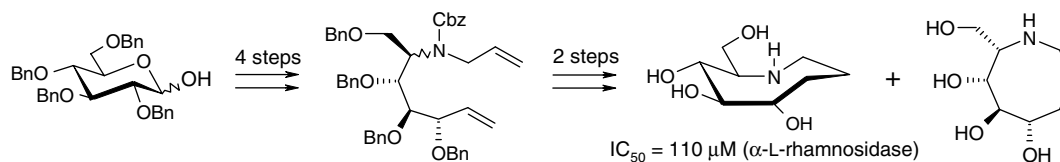
pp 573–577

Diego A. Alonso, Carmen Nájera* and Montserrat Varea


Synthesis and biological evaluation of the first example of an eight-membered iminoalditol

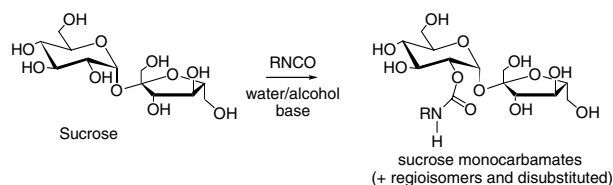
pp 579–581

Guillaume Godin, Elodie Garnier, Philippe Compain,* Olivier R. Martin,* Kyoko Ikeda and Naoki Asano


Preparation of amphiphilic sucrose carbamates by reaction with alkyl isocyanates in water–alcohol mixtures

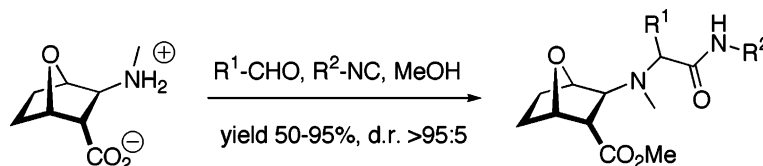
pp 583–586

Delphine Christian, Juliette Fitremann, Alain Bouchu and Yves Queneau*


U-4C-3CR versus U-5C-4CR and stereochemical outcomes using suitable bicyclic β-amino acid derivatives as bifunctional components in the Ugi reaction

pp 587–590

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

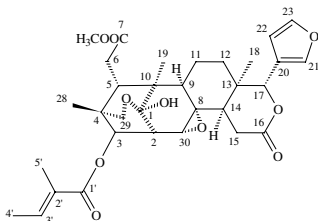


Suitable bicyclic β-amino acids have been employed as bifunctional components in Ugi condensations. The effects of the *cis/trans* configuration and *N*-alkylation of the amino acid on product distribution and stereochemistry have been investigated, the *N*-alkylated *trans* derivative furnishing excellent control of the diastereoselectivity.

Xyloccensin L, a novel limonoid from *Xylocarpus granatum*

pp 591–593

Jun Wu,* Si Zhang, Qiang Xiao, Qingxin Li, Jianshe Huang, Lijuan Long and Liangmin Huang

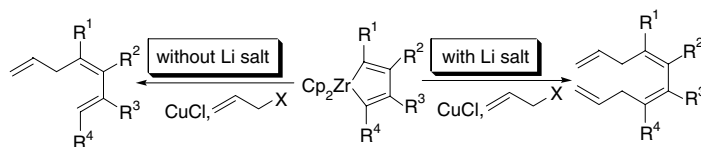


The isolation and structure elucidation of xyloccensin L from the stem bark of *Xylocarpus granatum* is described. Xyloccensin L is a highly oxidized heptacyclic A, B, D-*seco* limonoid with an α -8, 30-epoxy ring and a rare oxygen bridge between C1 and C29.

Effect of lithium chloride on allylation of zirconacyclopentadienes

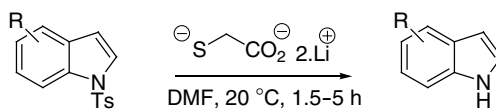
pp 595–598

Lian Leng, Chanjuan Xi,* Chao Chen and Chunbo Lai

**Efficient indole *N*-detosylation using thioglycolate**

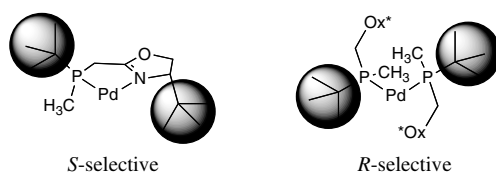
pp 599–601

Charlotte M. Haskins and David W. Knight*

**P-stereogenic P/N hybrid ligands: a remarkable switch in enantioselectivity in palladium-catalyzed asymmetric allylation**

pp 603–606

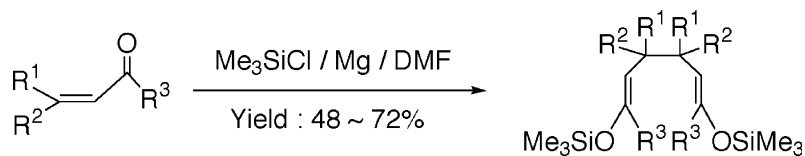
Hiroshi Danjo, Masato Higuchi, Mitsuhiro Yada and Tsuneo Imamoto*



Regioselective synthesis of bis(silyl enol ethers) and bis(conjugated enones) through electron transfer from Mg metal

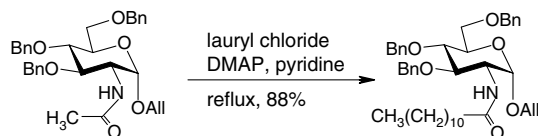
pp 607–609

Hirofumi Maekawa, Manabu Sakai, Tetsuro Uchida, Yoshio Kita and Ikuzo Nishiguchi*


An unprecedented *N*-transacylation reaction on 2-acetamido-2-deoxy- α -D-glucopyranosides

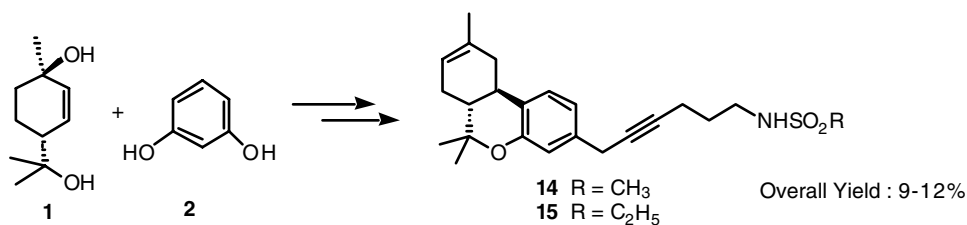
pp 611–613

Yingxia Li,* Chunxia Li, Peng Wang, Shidong Chu, Huashi Guan and Biao Yu*


A novel methodology for the synthesis of 1-desoxy- Δ^8 -tetrahydrocannabinol (THC) analogues

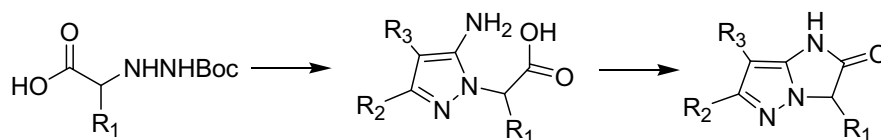
pp 615–617

Hang Sun, Anu Mahadevan and Raj K. Razdan*


Solution phase synthesis of imidazo[1,2-b]pyrazol-2-one, an interesting 5,5-fused heterocyclic ring system

pp 619–621

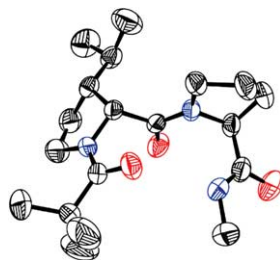
Benjamin E. Blass,* Anil Srivastava, Keith R. Coburn, Amy L. Faulkner, John J. Janusz, James M. Ridgeway and William L. Seibel



Prolineamino acids as a tool to stabilize β -turns with the side chain of natural amino acids

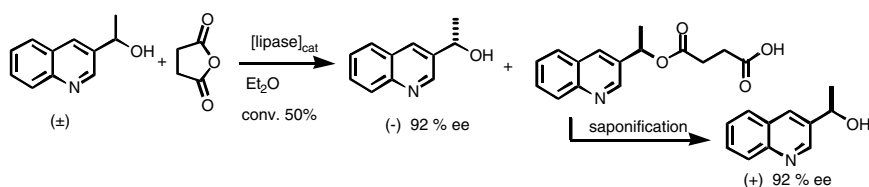
pp 623–625

Jean Quancard, Philippe Karoyan, Olivier Lequin, Emmanuel Wenger, André Aubry, Solange Lavielle and Gérard Chassaing*

The model dipeptide Piv-D-Pro^c_L-L-Pro-NHMe forms a stable type II' β -turn. Pro^c_L: *cis*-prolinoleucine.**On the use of succinic anhydride as acylating agent for practical resolution of aryl-alkyl alcohols through lipase-catalyzed acylation**

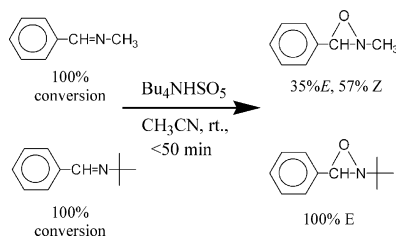
pp 627–630

Nassima Bouzemi, Hanane Debbeche, Louisa Aribi-Zouioueche* and Jean-Claude Fiaud*

**Simple and highly efficient synthesis of oxaziridines by tetrabutylammonium Oxone[®]**

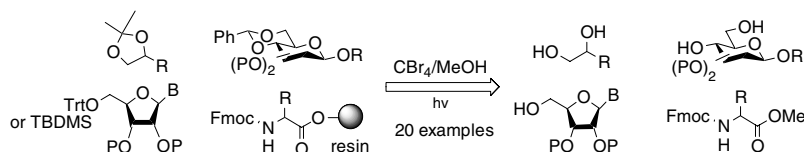
pp 631–634

Daryoush Mohajer,* Nasser Iranpoor* and Abdolreza Rezaeifard

**CBr₄-photoirradiation protocol for chemoselective deprotection of acid labile primary hydroxyl protecting groups**

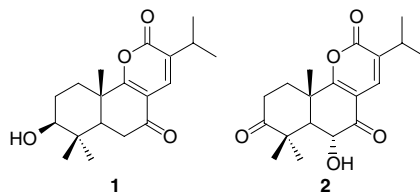
pp 635–639

Ming-Yi Chen,* Laxmikant N. Patkar, Mi-Dan Jan, Adam Shih-Yuan Lee and Chun-Cheng Lin*



Two novel 9,11-*seco*-11-norabietanes from the roots of *Taiwania cryptomerioides*
Chiou-Feng Chyu, Yi-Ming Chiang, Hsiu-Chuan Lin and Yueh-Hsiung Kuo*

pp 641–643




Two novel 9,11-*seco*-11-norabietanes, namely taiwanlactones A (**1**) and B (**2**), were isolated from the roots of *Taiwania cryptomerioides*. The absolute configuration of **1** was elucidated by a modified Mosher's method. The biotransformation mechanisms of **1** and **2** were proposed.

OTHER CONTENTS

Contributors to this issue
Instructions to contributors

p I
pp III–V

*Corresponding author

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CONTENTS
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