

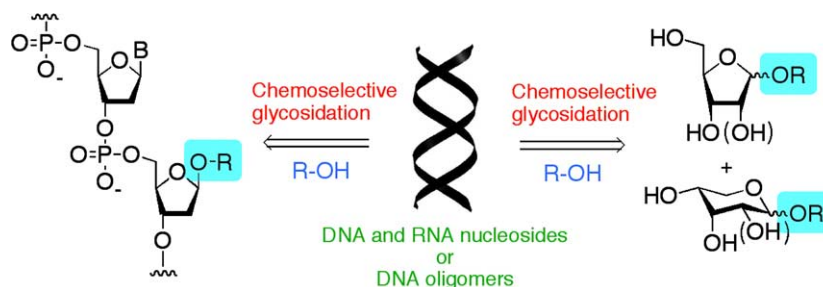
Contents

COMMUNICATIONS

One-step syntheses of alkyl glycosides and alkyl-substituted DNA oligomers by chemoselective glycosidations using DNA bases

pp 1041–1045

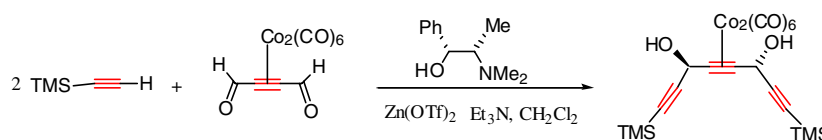
Yuichi Nishikubo, Kaname Sasaki, Shuichi Matsumura and Kazunobu Toshima*



Stereoselective double addition of chiral alkynyl-zincs to cobalt-stabilized acetylenedicarbonyl aldehyde

pp 1047–1050

Ming Li, Chunhai Zou, Carine Duhayon and Remi Chauvin*



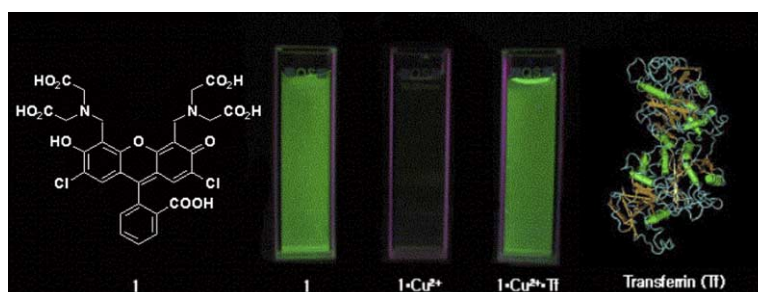
The Carreira's procedure has been adapted to the sensitive C₄ synthon of high functional density, to afford chiral secondary carbinol-skipped oligoynes complexes.



A fluorescein derivative for nanomolar aqueous copper and monitoring copper ion uptake by transferrin and amyloid precursor protein

pp 1051–1054

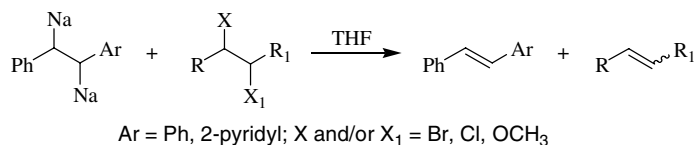
Eun Jin Jun, Jeong-A. Kim, K. M. K. Swamy, Sungsu Park* and Juyoung Yoon*



Reducing properties of 1,2-diaryl-1,2-disodiummethanes

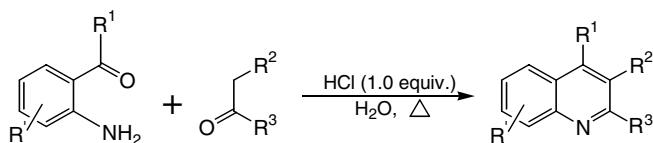
pp 1055–1058

Ugo Azzena,* Mario Pittalis, Giovanna Dettori, Simona Madeddu and Emanuela Azara

**Benign and highly efficient synthesis of quinolines from 2-aminoarylketone or 2-aminoarylaldehyde and carbonyl compounds mediated by hydrochloric acid in water**

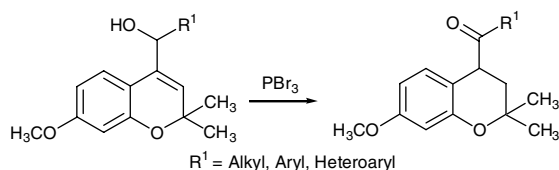
pp 1059–1063

Guan-Wu Wang,* Cheng-Sheng Jia and Ya-Wei Dong

**Isomerization of allylic alcohols into saturated carbonyls using phosphorus tribromide**

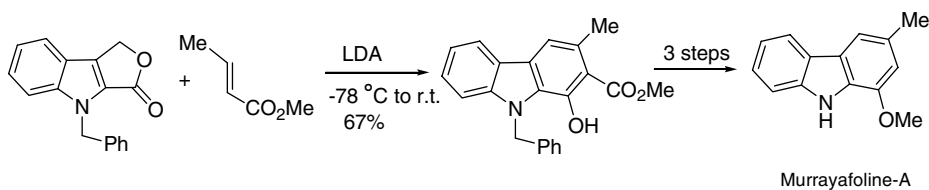
pp 1065–1070

Shagufta, Ajay Kumar Srivastava and Gautam Panda*

**Regioselective synthesis of 1-hydroxycarbazoles via anionic [4+2] cycloaddition of furoindolones: a short synthesis of murrayafoline-A**

pp 1071–1075

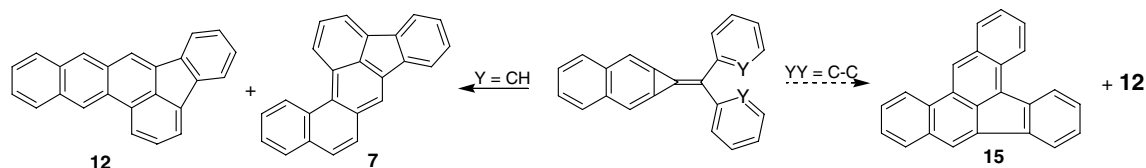
D. Mal,* B. Senapati and P. Pahari



Accephenanthrylenes from flash vacuum thermolysis of diarylmethylenecyclopropenes

pp 1077–1079

Brian Halton

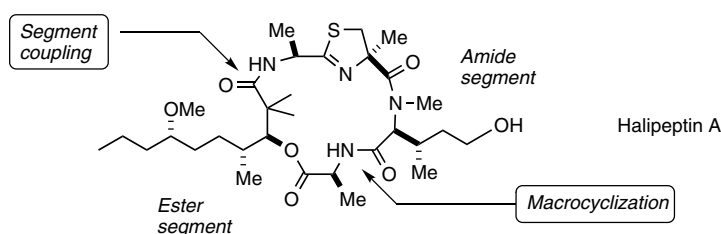


Flash vacuum thermolysis of fluorenylidene-cyclopropa[*b*]naphthalene (**1**) leads to three-membered ring opening, rearrangement and formation of dibenzacephenanthrylenes **7** and **12**. The diphenyl analogue also provides C₂₄H₁₄ polycyclic aromatics by cyclodehydrogenation/rearrangement.


Total synthesis of halipeptin A, a potent anti-inflammatory cyclodepsipeptide from a marine sponge

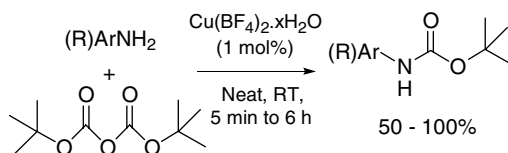
pp 1081–1085

Sousuke Hara, Kazuishi Makino and Yasumasa Hamada*


Copper(II) tetrafluoroborate as a novel and highly efficient catalyst for *N*-*tert*-butoxycarbonylation of amines under solvent-free conditions at room temperature

pp 1087–1091

Sunay V. Chankeshwara and Asit K. Chakraborti*

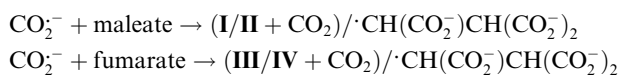


Commercially available copper(II) tetrafluoroborate hydrate efficiently catalyses *N*-*tert*-butoxycarbonylation of amines under solvent-free conditions and at room temperature in high yields and in short times.


Reduction of maleate and fumarate by the CO₂⁻ anion radical

pp 1093–1096

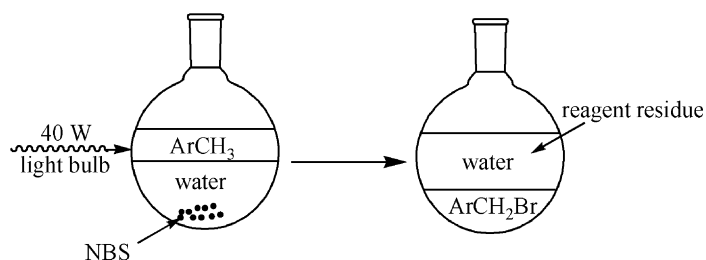
Osnat Schutz and Dan Meyerstein*



Visible light induced ‘on water’ benzylic bromination with *N*-bromosuccinimide

pp 1097–1099

Ajda Podgoršek, Stojan Stavber, Marko Zupan and Jernej Iskra*

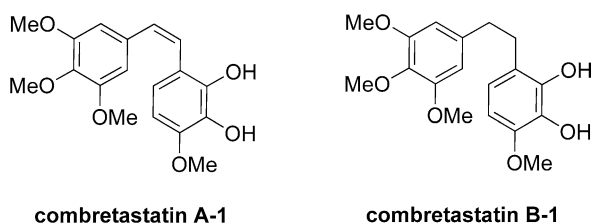


‘On water’ benzylic bromination of toluene derivatives with *N*-bromosuccinimide (NBS) activated by visible light was effective despite the non-solubility of substrates (ArCH_3) in pure water.

Synthesis of combretastatins A-1 and B-1

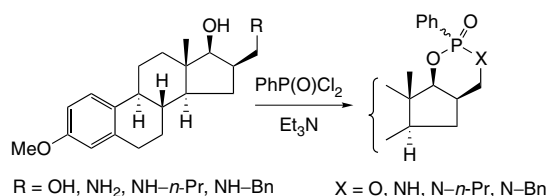
pp 1101–1103

Kristin Odlo, Jo Klaveness, Pål Rongved and Trond Vidar Hansen*

**Synthesis of some novel *D*-ring-fused diox- and oxazaphosphorinanes in the estrone series**

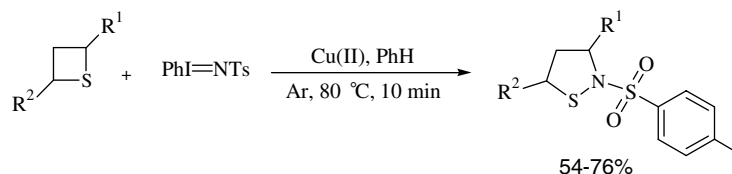
pp 1105–1108

Éva Frank,* Brigitta Kazi, Krisztina Ludányi and György Keglevich

**An efficient synthesis of isothiazolidines via sulfonium ylides formed by the reaction of thietanes and nitrene**

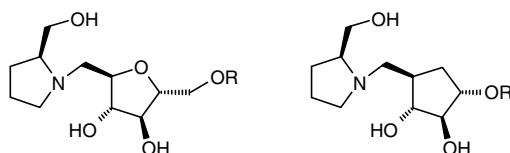
pp 1109–1111

Vijay Nair,* Smitha M. Nair, S. Devipriya and D. Sethumadhavan



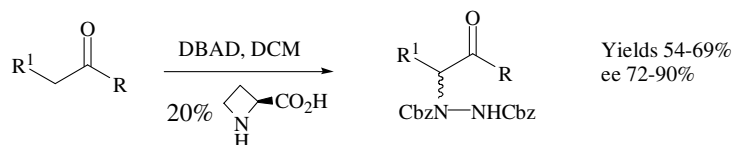
An efficient synthesis of isothiazolidines in good yields is described.

Hydrolytically stable arabinofuranoside analogs for the synthesis of arabinosyltransferase inhibitors pp 1113–1116
 Manon Chaumontet, Valérie Pons, Karine Marotte and Jacques Prandi*

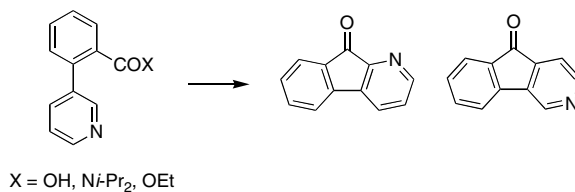


Two new families of arabinosyltransferase inhibitors, incorporating C-glycoside and *carba*-sugar moieties have been prepared.

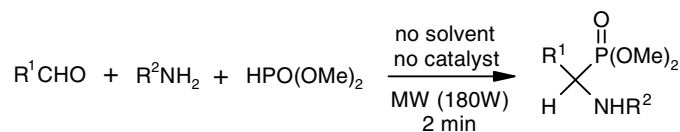
Amino acid-catalyzed asymmetric α -amination of carbonyls pp 1117–1119
 Christine Thomassigny, Damien Prim and Christine Greck*



On the mechanism of the metalation of 2-(pyridin-3-yl)benzoic acid derivatives pp 1121–1123
 David Tilly, Anne-Sophie Castanet and Jacques Mortier*



Microwave-assisted solvent-free and catalyst-free Kabachnik–Fields reactions for α -amino phosphonates pp 1125–1127
 Xue-Jun Mu, Mao-Yi Lei, Jian-Ping Zou* and Wei Zhang*



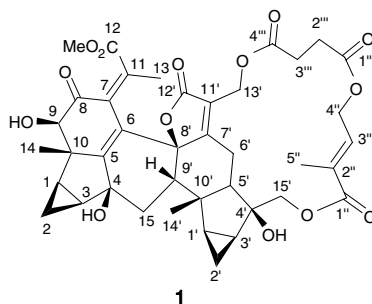
A solvent-free and catalyst-free Kabachnik–Fields reaction for α -amino phosphonates is promoted by microwave irradiation and finished in 2 min.



Chloramultilide A, a highly complex sesquiterpenoid dimer from *Chloranthus multistachys*

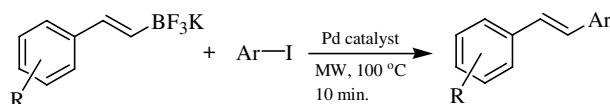
pp 1129–1132

Sheng-Ping Yang and Jian-Min Yue*

**Microwave enhanced cross-coupling reactions involving alkenyl- and alkynyltrifluoroborates**

pp 1133–1136

George W. Kabalka,* Mohammad Al-Masum, Arjun R. Mereddy and Eric Dadush

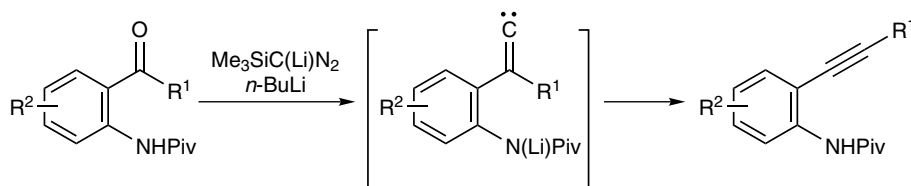


Cross-coupling reactions of potassium arylvinyltrifluoroborates with aryl iodides in the presence of a palladium catalyst occur rapidly utilizing microwave irradiation. The coupled products are produced in excellent yields. Alkynyltrifluoroborates also undergo the coupling reaction.

Efficient synthesis of *o*-alkynyl-*N*-pivaloylanilines from *o*-acyl-*N*-pivaloylanilines and lithium trimethylsilyldiazomethane

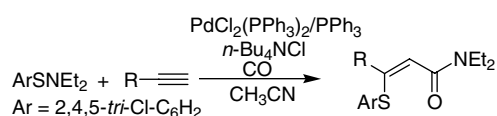
pp 1137–1139

Yoshiyuki Hari, Tomoki Kanie and Toyohiko Aoyama*

**Pd-catalyzed thiocarbonylation of terminal alkynes with sulfenamide and carbon monoxide**

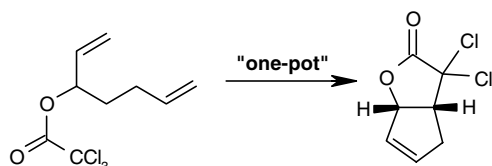
pp 1141–1144

Hitoshi Kuniyasu,* Tomohiro Kato, Shigehito Asano, Jia-Hai Ye, Takumi Ohmori, Masaki Morita, Hiroshi Hiraike, Shin-ichi Fujiwara, Jun Terao, Hideo Kurosawa and Nobuaki Kambe*



Catalyst economy. Part 2: Sequential metathesis—Kharasch sequences using the Grubbs metathesis catalysts pp 1145–1151

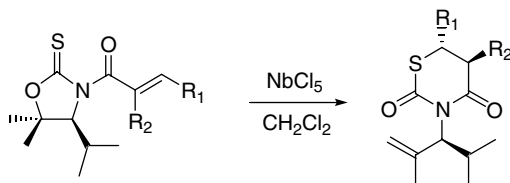
Chris D. Edlin, James Faulkner and Peter Quayle*



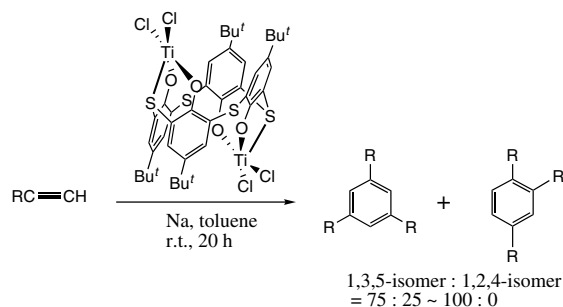
The Grubbs metathesis catalysts have been shown to participate in sequential metathesis–Kharasch sequences.

Novel rearrangement of *N*-enoyl oxazolidinethiones to *N*-substituted 1,3-thiazine-2,4-diones promoted by NbCl₅ pp 1153–1156

Hector Hernández, Sylvain Bernès, Leticia Quintero, Estibaliz Sansinenea and Aurelio Ortiz*

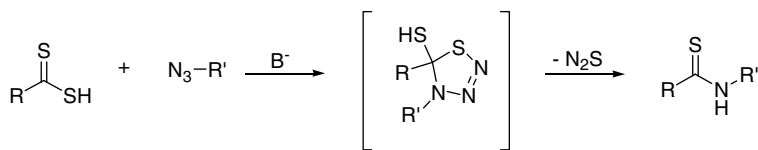

Highly regioselective [2+2+2] cycloaddition of terminal alkynes catalyzed by titanium complexes of *p*-*tert*-butylthiacalix[4]arene pp 1157–1161

Naoya Morohashi,* Katsuya Yokomakura, Tetsutaro Hattori* and Sotaro Miyano


Thioamides via thiatriazolines

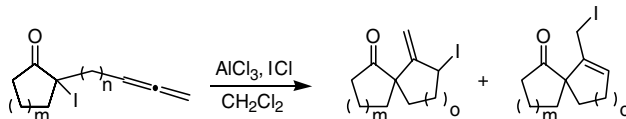
pp 1163–1166

Robert V. Kolakowski, Ning Shangguan and Lawrence J. Williams*

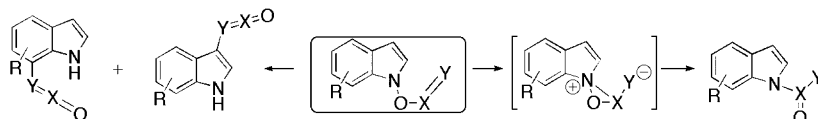


Iodocarbocyclization of α -iodocycloalkanones bearing an allenyl side chain: synthesis of spirocyclic cycloalkanones pp 1167–1171

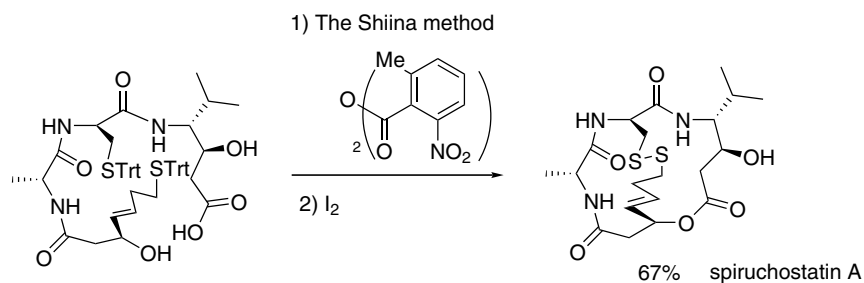
Hsien-Hsun Lin, Gen-I Lin, Ying-Ruei Lin, Chien-Fu Liang, Chao-Hsiang Chen and Chin-Kang Sha*


***N*-Hydroxy indoles as flexible substrates in rearrangements—a novel reaction with activated triple bonds** pp 1173–1176

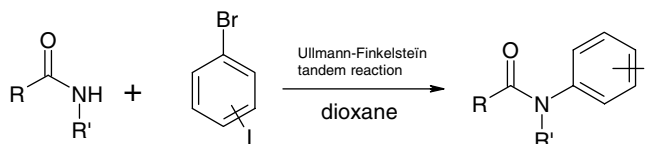
Mariana P. Duarte, Ricardo F. Mendonça, Sundaresan Prabhakar* and Ana M. Lobo*


A total synthesis of spiruchostatin A pp 1177–1180

Takayuki Doi,* Yusuke Iijima, Kazuo Shin-ya, A. Ganesan and Takashi Takahashi*


Synthesis of *N*-(iodophenyl)-amides via an unprecedented Ullmann–Finkelstein tandem reaction pp 1181–1186

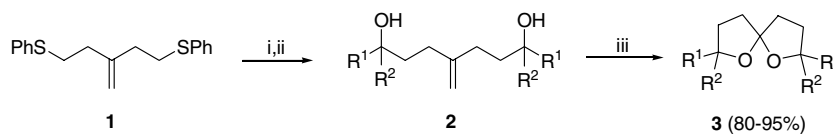
Patrick Toto, Jean-Claude Gesquière, Benoit Deprez and Nicolas Willand*


 A new Ullmann–Finkelstein tandem reaction for the preparation of *N*-(iodophenyl)-amides is described.

Straightforward synthesis of 1,6-dioxaspiro[4.4]nonanes

Jaisiel Meléndez, Francisco Alonso and Miguel Yus*

pp 1187–1191

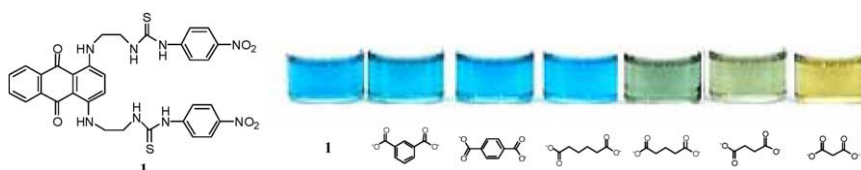


(i) Li, DTBB (2.5%), R¹R²CO, THF, 0 °C, 2 h; (ii) H₂O; (iii) O₃, CH₂Cl₂, -78 °C, then SC(NH₂)₂, rt.

Synthesis of colorimetric receptors for dicarboxylate anions: a unique color change for malonate

Yao-Pin Yen* and Kao-Wai Ho

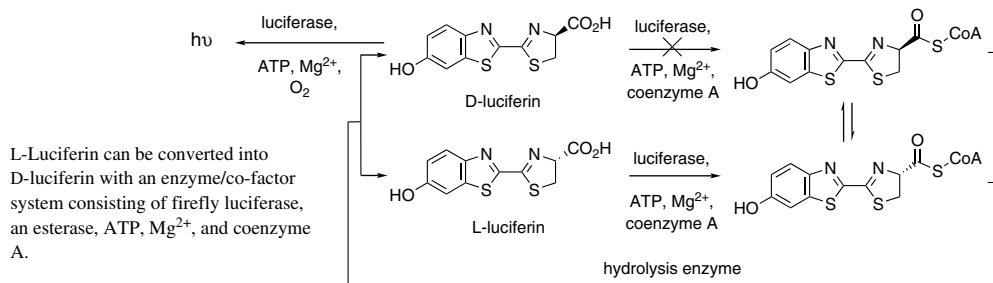
pp 1193–1196



Construction of a new firefly bioluminescence system using L-luciferin as substrate

Mitsuhiro Nakamura,* Kazuki Niwa, Shojiro Maki, Takashi Hirano, Yoshihiro Ohmiya and Haruki Niwa*

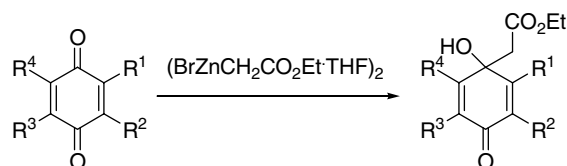
pp 1197–1200



Regioselective reaction of quinones with Reformatsky reagent: (BrZnCH₂CO₂Et·THF)₂

Jun-ichi Kawakami,* Koji Nakamoto, Shigeru Nuwa, Syoji Handa and Shokyo Miki

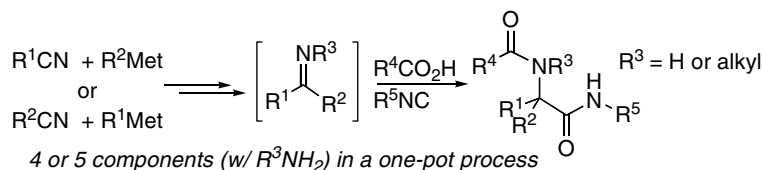
pp 1201–1203



A new approach to four- and five-component Ugi condensations starting from nitriles

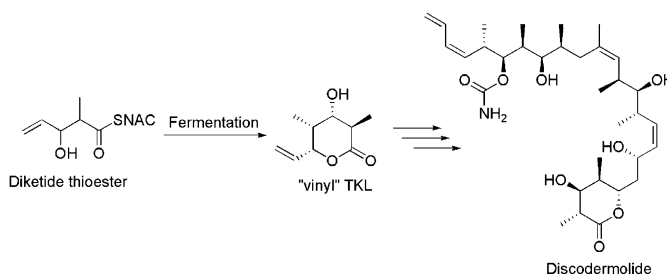
pp 1205–1207

Christopher A. Simoneau, Elizabeth A. George and Bruce Ganem*

**Synthesis of discodermolide intermediates from engineered polyketides**

pp 1209–1211

Mark A. Burlingame,* Esteban Mendoza, Gary W. Ashley and David C. Myles

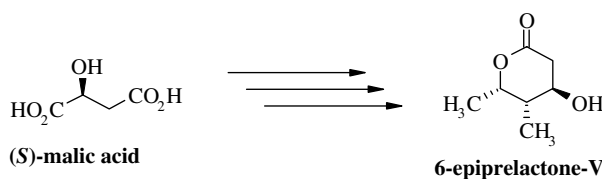


Key intermediates used in Smith's total synthesis of discodermolide were synthesized from an engineered polyketide made via precursor feeding to genetically modified polyketide producing bacteria.

Total synthesis of 6-epiprelactone-V via a *syn*-selective oxygen tethered intramolecular Michael reaction

pp 1213–1215

S. Chandrasekhar,* Ch. Rambabu and S. Jaya Prakash

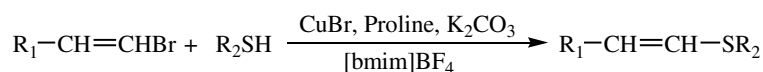


The intramolecular protective group (benzylidene acetal) assisted *syn*-1,3-diol synthesis has been efficiently utilized in a short synthesis of 6-epiprelactone-V starting from (S)-malic acid.

L-Proline promoted cross-coupling of vinyl bromide with thiols catalyzed by CuBr in ionic liquid

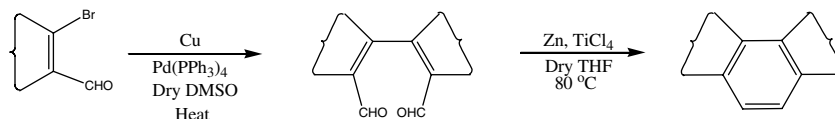
pp 1217–1220

Yunfa Zheng, Xingfen Du and Weiliang Bao*



Synthesis of substituted benzene derivatives by homo- and hetero-coupling of 2-bromobenzaldehyde and bromovinylaldehydes followed by McMurry coupling pp 1221–1224

Surajit Some, Bishnupada Dutta and Jayanta K. Ray*

**OTHER CONTENTS**

Corrigendum

p 1225

Erratum

p 1227

Instructions to contributors

pp I–IV

*Corresponding author

Supplementary data available via ScienceDirect

COVER

Total synthesis of halipeptin A, a potent anti-inflammatory cyclodepsipeptide, has been achieved. Key steps are proline-catalyzed asymmetric α -oxyamination, diastereoselective aldol reaction, silver cyanide-mediated racemization-free esterification, and macrolactamization. *Tetrahedron Letters* **2006**, 47, 1081–1085.

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CONTENTS
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