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Publishers' Announcement

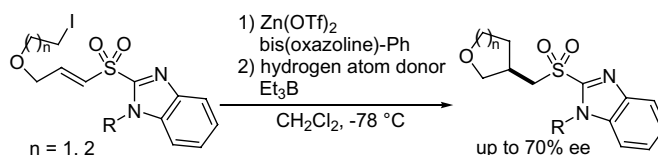
p 4211

COMMUNICATIONS

Enantioselective radical cyclization of  $\alpha,\beta$ -unsaturated sulfonyl compounds

pp 4213–4216

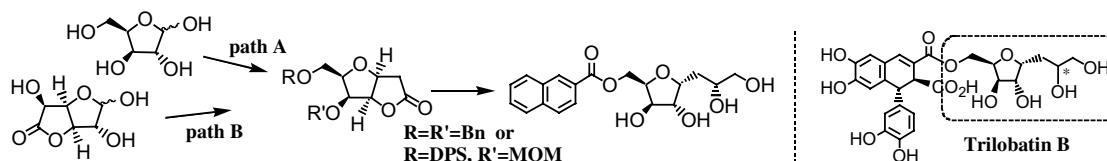
Hideki Sugimoto, Makoto Kobayashi, Shuichi Nakamura and Takeshi Toru\*



Studies toward a synthesis of trilobatin B, a lignan from the liverwort *Bazzania trilobata*:  
asymmetric construction of the tetrahydrofuran segment

pp 4217–4220

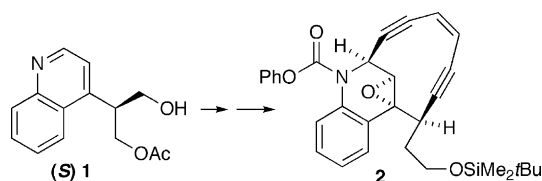
Hidemi Yoda,\* Yuka Nakaseko and Kunihiko Takabe



Asymmetric synthesis of a new simplified dynemicin analogue equipped with a handle

pp 4221–4223

Luca Banfi,\* Andrea Basso, Valentina Gandolfo, Giuseppe Guanti and Renata Riva\*

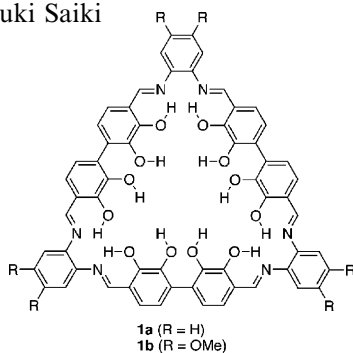


The new simplified Dynemicin analogue **2**, equipped with a side arm containing a protected primary alcoholic function ('handle'), was prepared enantio- and diastereoselectively in 17 steps starting from monoacetate (*S*) **1**.

**Synthesis and structure of polyhydroxyl rigid triangular nano-macrocylic imine having multiple hydrogen-bonding sites**

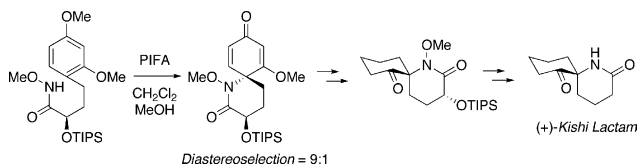
pp 4225–4227

Shigehisa Akine, Daisuke Hashimoto, Toshiyuki Saiki and Tatsuya Nabeshima\*


**Stereoselective nitrenium ion cyclizations: asymmetric synthesis of the (+)-Kishi lactam and an intermediate for the preparation of fascicularin**

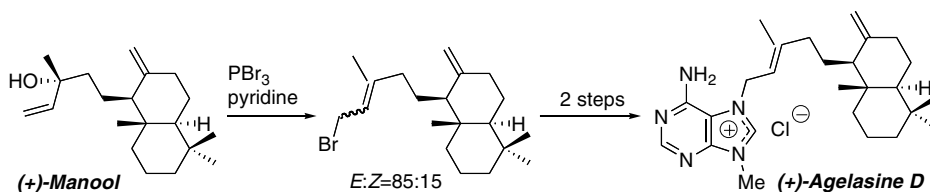
pp 4229–4231

Duncan J. Wardrop,\* Wenming Zhang and Chad L. Landrie


**Synthesis of (+)-agelasine D from (+)-manool**

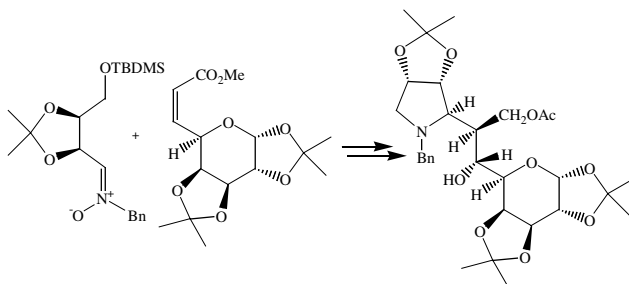
pp 4233–4235

Bibigul T. Utenova and Lise-Lotte Gundersen\*


**Synthesis of a branched chain aza-C-disaccharide via the cycloaddition of a chiral nitrene to an alkene, both sugar derivatives**

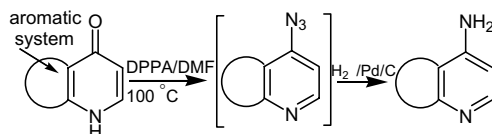
pp 4237–4240

Nikolaos G. Argyropoulos\* and Vassiliki C. Sarli



**A new application of diphenylphosphorylazide (DPPA) reagent: convenient transformations of quinolin-4-one, pyridin-4-one and quinazolin-4-one derivatives into the 4-azido and 4-amino counterparts** pp 4241–4243

Alexander Aizikovich, Vladimir Kuznetsov, Sofia Gorohovsky, Amalia Levy, Simha Meir, Gerardo Byk and Garry Gellerman\*

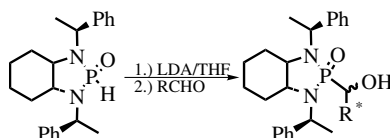


We describe a transformation of the oxo-function of a series of quinolin/pyridin/quinazolin-4-ones into 4-azido and thence into 4-amino derivatives in moderate yields by a very short and convenient new procedure using DPPA as reagent.



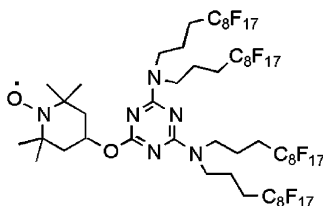
**Diastereoselective carbonyl phosphorylation using chiral *N,N'*-bis-[(*S*)- $\alpha$ -phenylethyl]-bicyclic phosphorous acid diamides** pp 4245–4248

Gloria E. Moreno, Leticia Quintero, Sylvain Bernès and Cecilia Anaya de Parrodi\*



**Synthesis and catalytic activity of a fluorous-tagged TEMPO radical** pp 4249–4251

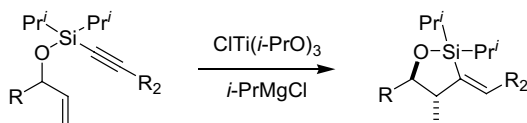
Gianluca Pozzi,\* Marco Cavazzini, Orsolya Holczknecht, Silvio Quici and Ian Shepperson



A readily prepared fluorous-tagged radical is an efficient, metal-free recyclable catalyst for the chemoselective oxidation of alcohols to carbonyl compounds in conventional organic solvents.

**Titanium(II)-mediated cyclization of (silyloxy)enyne: a synthesis of the C9–C19 subunit of dictyostatin-1** pp 4253–4256

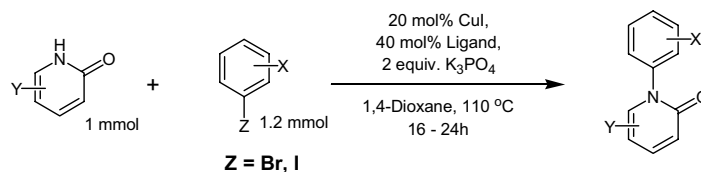
Gregory W. O'Neil and Andrew J. Phillips\*



**An efficient copper-catalyzed coupling reaction of pyridin-2-ones with aryl and heterocyclic halides based on Buchwald's protocol**

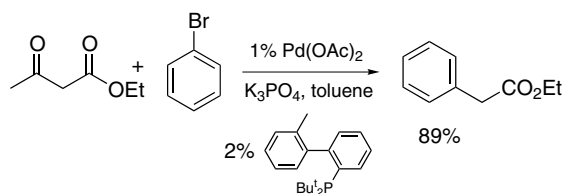
pp 4257–4260

Chun Sing Li\* and Darryl D. Dixon


**Palladium-catalysed arylation of acetoacetate esters to yield 2-arylacetic acid esters**

pp 4261–4264

Jacob G. Zeevaart, Christopher J. Parkinson\* and Charles B. de Koning

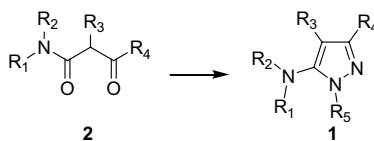


The synthesis of a number of 2-arylacetic acid esters using a palladium-catalysed enolate arylation reaction is described.

**One-pot synthesis of 5-(substituted-amino)pyrazoles**

pp 4265–4267

Dharmal S. Dodd\* and Rogelio L. Martinez

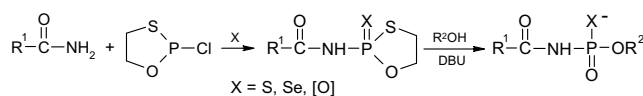


Suitably decorated  $\beta$ -ketoamides **2**, an aryl or alkyl hydrazine and Lawesson's reagent are suspended in THF/Py and gently heated to yield the requisite 5-(substituted-amino)pyrazoles **1**.

**New approach to preparation of N-acylphosphoramido(thio)(seleno)ates**

pp 4269–4272

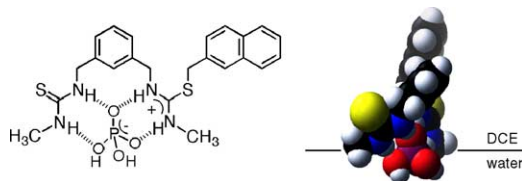
Janina Baraniak,\* Renata Kaczmarek, Ewa Wasilewska, Dariusz Korczyński and Wojciech J. Stec



**Thiourea–isothiuronium conjugate for strong and selective binding of very hydrophilic  $\text{H}_2\text{PO}_4^-$  anion at the 1,2-dichloroethane–water interface**

pp 4273–4276

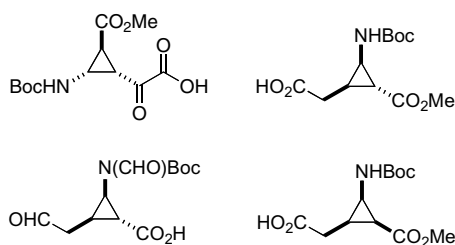
Ryo Kato, Ying-Yu Cui, Seiichi Nishizawa, Tomoyuki Yokobori and Norio Teramae\*



**Stereoselective synthesis of novel conformationally restricted  $\beta$ - and  $\gamma$ -amino acids**

pp 4277–4280

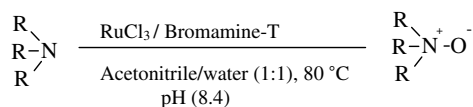
Frieder Gnad, Marko Poleschak and Oliver Reiser\*



**Bromamine-T/ $\text{RuCl}_3$  as an efficient system for the oxidation of tertiary amines to  $N$ -oxides**

pp 4281–4283

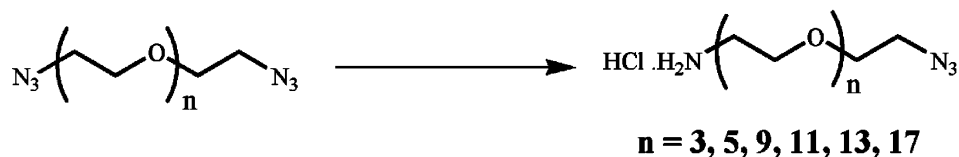
Vishal B. Sharma, Suman L. Jain and Bir Sain\*



**Synthesis of orthogonal end functionalized oligoethylene glycols of defined lengths**

pp 4285–4288

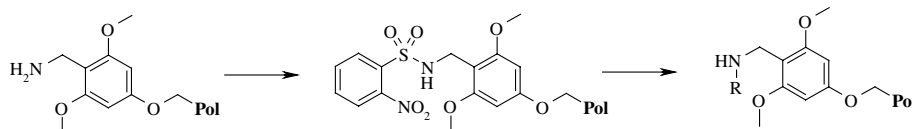
Suri S. Iyer, Aaron S. Anderson, Scott Reed, Basil Swanson and Jürgen G. Schmidt\*



**Polymer-supported *N*-benzyl- and *N*-benzhydryl-2-nitrobenzenesulfonamides as alternative to aldehyde linkers**

pp 4289–4291

Viktor Krchňák\* and Greg A. Slough

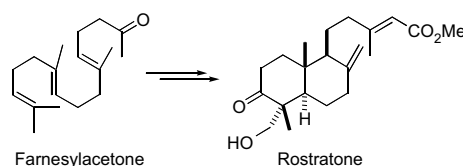


*N*-Alkylation of polymer-supported 2-nitrobenzenesulfonamide linkers represents an alternative route to reductive amination of aldehyde linkers.

**Palladium mediated C–H activation in the field of terpenoids: synthesis of rostratone**

pp 4293–4296

José Justicia, J. Enrique Oltra and Juan M. Cuerva\*

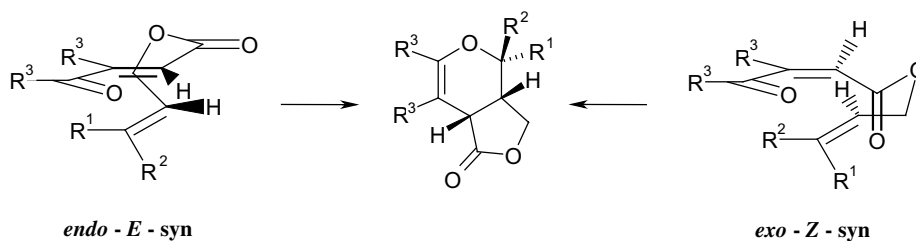


We present results, which indicate that Pd-mediated C–H bond activation can be used under mild conditions for the remote functionalization of C-4 methyl groups of molecules with different terpenoid-like skeletons containing six- or seven-membered A rings. This strategy has proved to be useful for the synthesis of the natural labdane rostratone.


**Stereoselective synthesis of 3a,7a-dihydro-3*H*,4*H*-furo[3,4-*c*]pyran-1-ones via intramolecular hetero-Diels–Alder reaction**

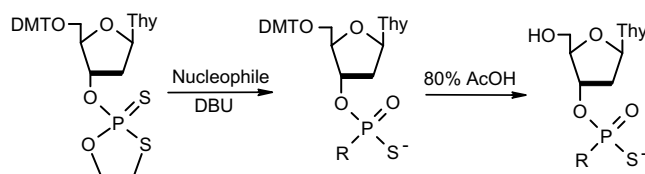
pp 4297–4300

Cyril Fuhrer, Roland Messer and Robert Häner\*


**DBU-assisted 1,3,2-oxathiaphospholane ring-opening condensation with selected *O*-, *S*-, *N*- and *C*-nucleophiles**

pp 4301–4305

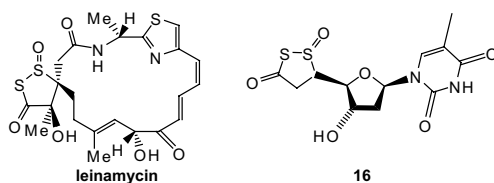
Konrad Misiura, Daria Szymanowicz, Magdalena Olesiak and Wojciech J. Stec\*



**Incorporation of the bioactive moiety of leinamycin into thymidine**

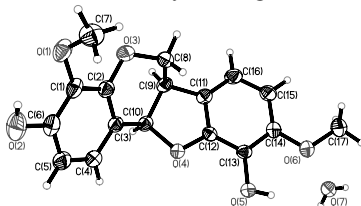
pp 4307–4309

Ákos Szilágyi, István F. Pelyvás, Orsolya Majercsik and Pál Herczegh\*

**A new cyclooxygenase (COX) inhibitory pterocarpan from *Indigofera aspalathoides*: structure elucidation and determination of binding orientations in the active sites of the enzyme by molecular docking**

pp 4311–4314

C. Selvam, Sanjay M. Jachak,\* R. Gnana Oli, Ramasamy Thilagavathi, Asit. K. Chakraborti and K. K. Bhutani

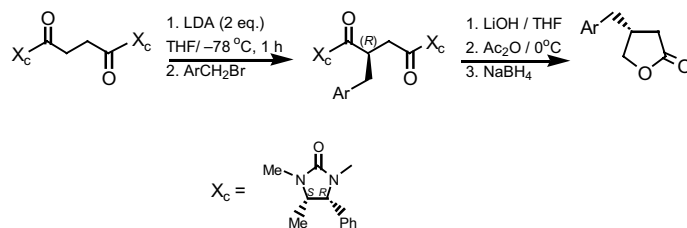


A new cyclooxygenase inhibitory pterocarpan was isolated from *Indigofera aspalathoides* and molecular docking studies were performed to find out its binding orientations in the active sites of COX-1 and COX-2.

**Highly diastereoselective alkylation of vicinal dianions of chiral succinic acid derivatives: a new general strategy to (*R*)- $\beta$ -arylmethyl- $\gamma$ -butyrolactones**

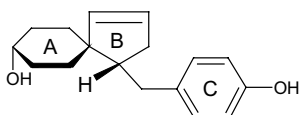
pp 4315–4318

Manat Pohmakotr,\* Darunee Soorukram, Patoomratana Tuchinda, Samran Prabpai, Palangpon Kongsaree and Vichai Reutrakul

**Sequosempervirin A, a novel spirocyclic compound from *Sequoia sempervirens***

pp 4319–4321

Yu-Mei Zhang, Ning-Hua Tan,\* Min He, Yang Lu, Su-Qin Shang and Qi-Tai Zheng

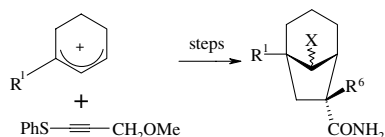


A novel spirocyclic compound (*4R*)-4-(4-hydroxy-benzyl) spiro [4,5] dec-1-en-8-ol (sequosempervirin A) was isolated from the branches and leaves of *Sequoia sempervirens*. Its structure and relative stereochemistry were mainly determined by MS, 2D NMR and X-ray means, which is the first naturally occurring norlignan containing one spirocycle with C6 (cyclohexane)–C2–C3–C6 skeleton.

**Synthesis of 8-substituted bicyclo[3.2.1]octane-6-carboxylic acids and anti-convulsant properties of the corresponding amides**

pp 4323–4327

J. A. Miller,\* J. Harris, A. A. Miller, G. M. Ullah and G. M. Welsh

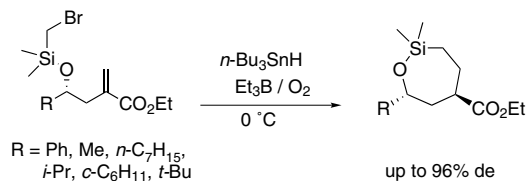


[3+2]Cycloaddition provides a convenient route to substituted bicyclo[3.2.1]octane-6-carboxylic acids, some of the amides of which are anti-convulsants.

**Highly diastereoselective 7-endo radical cyclization of ethyl  $\alpha$ -methylene- $\gamma$ -(bromomethyl)dimethylsiloxycarboxylates**

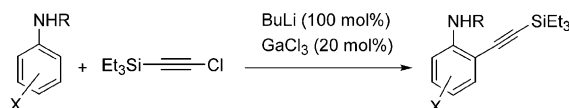
pp 4329–4332

Hajime Nagano\* and Saori Hara


**GaCl<sub>3</sub>-Catalyzed *ortho*-ethynylation reaction of *N*-benzylanilines**

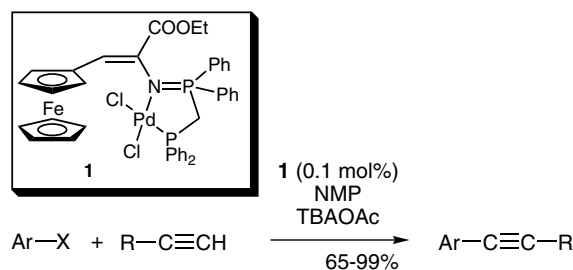
pp 4333–4335

Ryo Amemiya, Akiko Fujii and Masahiko Yamaguchi\*


**A copper- and amine-free Sonogashira coupling reaction promoted by a ferrocene-based phosphinimine-phosphine ligand at low catalyst loading**

pp 4337–4340

Antonio Arques,\* David Auñon and Pedro Molina\*

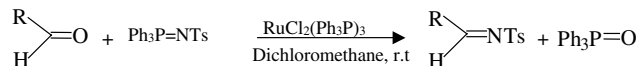




**A novel imido-transfer reaction of aldehydes with Ph<sub>3</sub>P=NTs using RuCl<sub>2</sub>(PPh<sub>3</sub>)<sub>3</sub> as catalyst**

pp 4341–4343

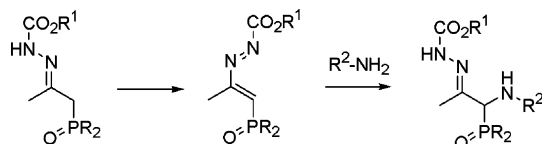
Suman L. Jain, Vishal B. Sharma and Bir Sain\*

**Addition of amine derivatives to phosphorylated 1,2-diaza-1,3-butadienes.**

pp 4345–4348

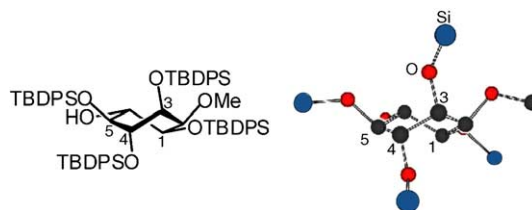
**Synthesis of  $\alpha$ -aminophosphonates**

Francisco Palacios,\* Domitila Aparicio, Yago López and Jesús M. de los Santos

**An unusual twist conformation of 2-*O*-methyl-1,3,4,5-tetrakis-*O*-*tert*-butyldiphenylsilyl-*myo*-inositol**

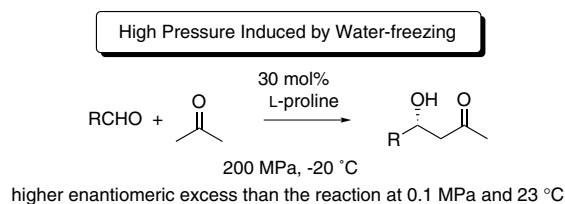
pp 4349–4351

Hidetoshi Yamada,\* Kotaro Okajima, Hiroshi Imagawa, Yusuke Nagata and Mugio Nishizawa

**Application of high pressure, induced by water freezing, to the direct asymmetric aldol reaction**

pp 4353–4356

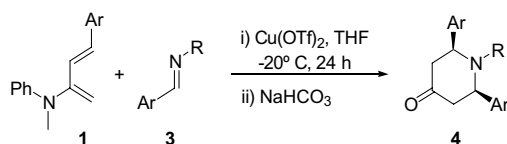
Yujiro Hayashi,\* Wataru Tsuboi, Mitsuru Shoji and Noriyuki Suzuki



**An imino-Diels–Alder route to *meso*-2,6-disubstituted-4-piperidones**

pp 4357–4360

Ana-Belén García, Carlos Valdés and María-Paz Cabal\*

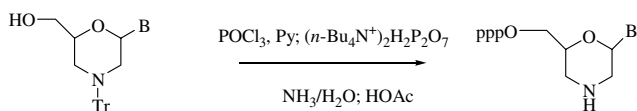


Stereoselective synthesis of *meso*-2,6-disubstituted-4-piperidones by imino-Diels–Alder reaction of 2-amino-1,3-butadienes with imines in the presence of Cu(TfO)<sub>2</sub> as Lewis acid catalyst.

**Synthesis of morpholine nucleoside triphosphates**

pp 4361–4364

Tatiana V. Abramova,\* Pavel A. Bakharev, Svetlana V. Vasilyeva and Vladimir N. Silnikov

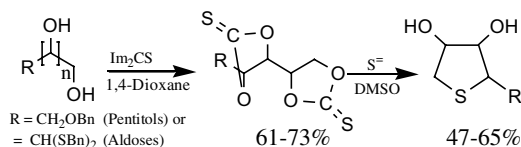
B = Ura, N<sup>4</sup>-Bz-Cyt, N<sup>6</sup>-Bz-Ade, N<sup>2</sup>-iBu-Gua

B = Ura, Cyt, Ade, Gua

**Versatile use of bis-cyclic thionocarbonates of polyols as bis-electrophilic intermediates. Synthesis of polyhydroxylated thioanhydropentitols with *D,L*-arabino, *L*-ribo and *L*-xylo, and thioanhydroaldoses with *D*-lyxo, *L*-ribo, *D*-xylo, *D*-allo, *D*-gulo and *D*-altro configurations**

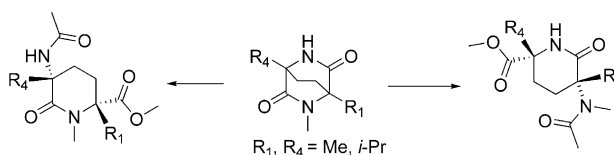
pp 4365–4369

Alain Danquigny, Mohammed Benazza,\* Sylvain Protois and Gilles Demailly

**Acid catalysed methanolysis of 2,5-diazabicyclo[2.2.2]octane-3,6-diones: scope and limitations**

pp 4371–4374

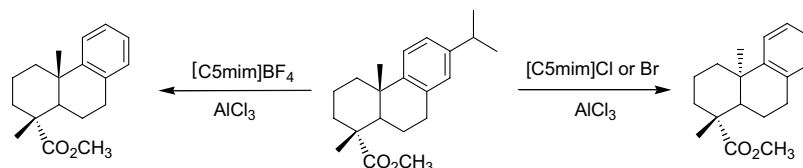
Bie M. P. Verbist, Wim J. Smets, Wim M. De Borggraeve, Frans Compennolle and Georges J. Hoornaert\*



**Friedel–Crafts reactions in ionic liquids: the counter-ion effect on the dealkylation and acylation of methyl dehydroabietate**

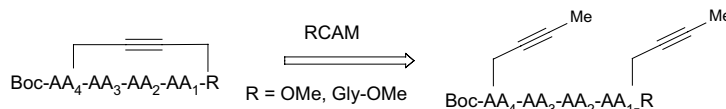
pp 4375–4377

Carlos Baleizão, Natércia Pires, Bárbara Gigante\* and Maria João Marcelo Curto

**Ring-closing alkyne metathesis mediated synthesis of cyclic  $\beta$ -turn mimetics**

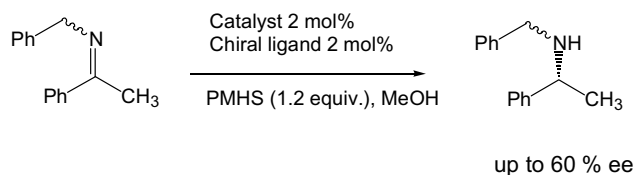
pp 4379–4382

Maarten IJsselstijn, Begoña Aguilera, Gijs A. van der Marel, Jacques H. van Boom, Floris L. van Delft, Hans E. Schoemaker, Herman S. Overkleeft,\* Floris P. J. T. Rutjes\* and Mark Overhand\*

**Identification of new catalysts for the asymmetric reduction of imines into chiral amines with polymethylhydrosiloxane using high-throughput screening**

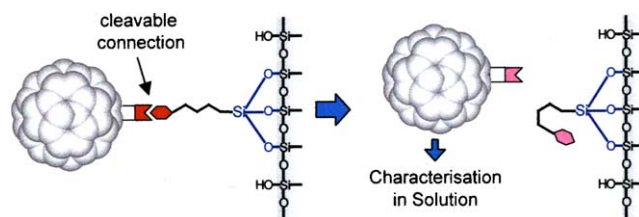
pp 4383–4387

Tania Ireland,\* François Fontanet and Guen-Gnanh Tchao

**Easily characterized systems of C<sub>60</sub> grafted on SiO<sub>2</sub>**

pp 4389–4391

Evangelos Ntararas, Haralambos Matralis\* and Gerasimos M. Tsivgoulis\*

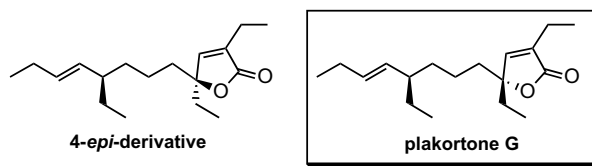


Difficulties in the characterization of grafted fullerenes can be significantly overcome with the introduction of a linkage in the fullerene moiety cleavable under predetermined conditions; this methodology permits analysis of the fullerene structure in solution.

**The first total synthesis and absolute stereochemistry of plakortone G from the Jamaican sponge *Plakortis* sp.**

pp 4393–4396

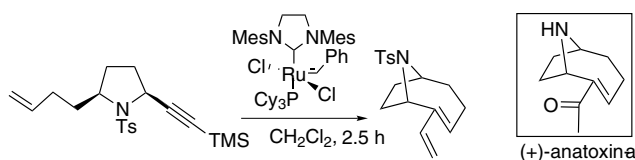
Satomi Kowashi, Takahisa Ogamino, Junichi Kamei, Yuichi Ishikawa and Shigeru Nishiyama\*



**Synthesis of (+)-anatoxin-a using enyne metathesis**

pp 4397–4399

Miwako Mori,\* Tomohiro Tomita, Yoichi Kita and Tsuyoshi Kitamura

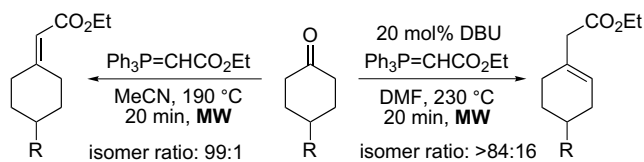


Synthesis of *N*-tosylanatoxin-*a* was achieved by metathesis of enyne in *cis*-substituents on a pyrrolidine derivatives.

**Highly regioselective Wittig reactions of cyclic ketones with a stabilized phosphorus ylide under controlled microwave heating**

pp 4401–4404

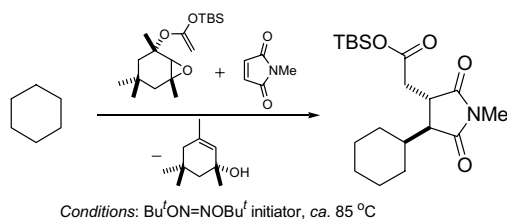
Jinlong Wu, Huafeng Wu, Shaoyong Wei and Wei-Min Dai\*



**Radical-chain functionalisation at C–H centres using an *O*-oxiranylcarbonyl *O*-silyl ketene acetal**

pp 4405–4409

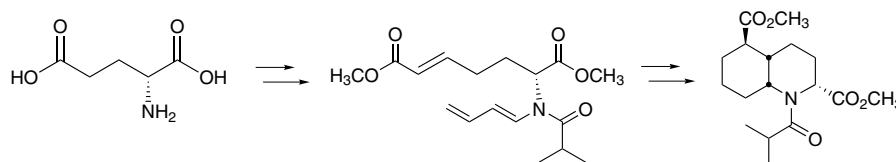
Yudong Cai, Hai-Shan Dang and Brian P. Roberts\*



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Edith J. Banner, Edwin D. Stevens and Mark L. Trudell\*

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\*Corresponding author

Supplementary data available via ScienceDirect

**COVER**

The cover figure shows plakortone G, a cytotoxic metabolite from the Jamaica Sponge which was found to possess the (4*R*,8*R*)-configuration. This was unambiguously determined by its total synthesis. Details can be found in *Tetrahedron Letters* **2004**, *45*, 4393–4396.

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