

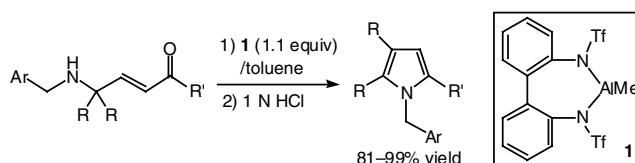
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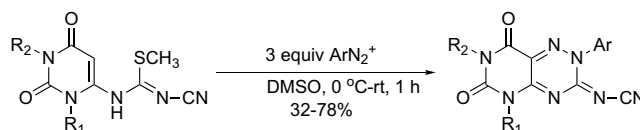
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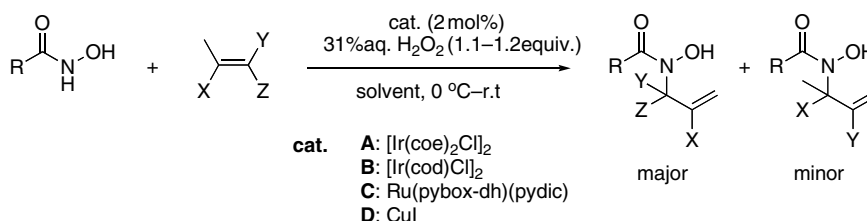
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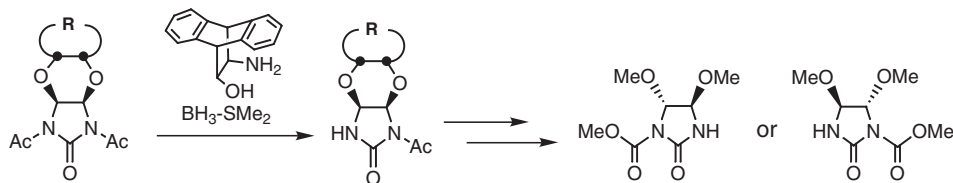
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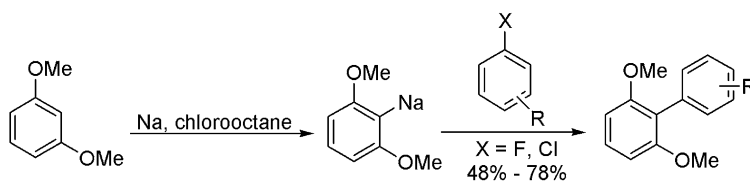
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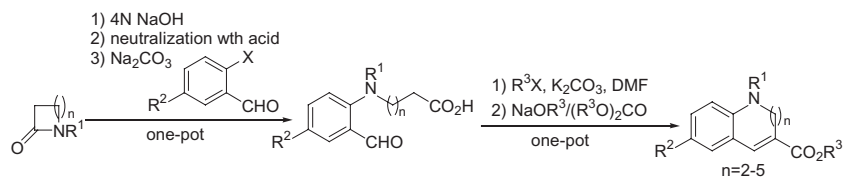
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Jean-Michel Becht, Arnaud Gissot, Alain Wagner\* and Charles Mioskowski\*


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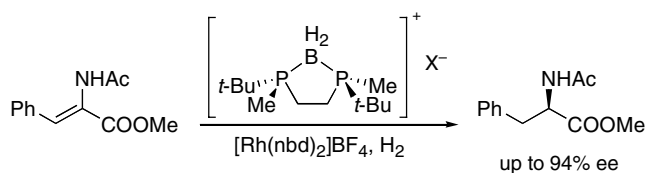
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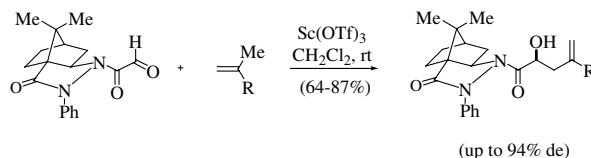
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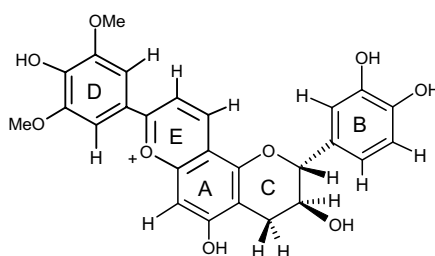
Jia-Fu Pan, Uppala Venkatesham and Kwunmin Chen\*



**Synthesis of a new catechin-pyrylium derived pigment**

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Victor de Freitas,\* Carlos Sousa, Artur M. S. Silva, Celestino Santos-Buelga and Nuno Mateus

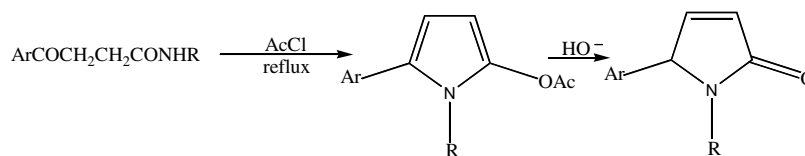


A new catechin-pyrylium derived pigment compound was synthesised from the reaction of catechin with sinapaldehyde in acidic conditions and its structure has been characterised by UV-vis, MS and NMR spectroscopy.

**An unexpected simple synthesis of *N*-substituted 2-acetoxy-5-arylpyrroles and their hydrolysis to 3 and 4-pyrrolin-2-ones**

pp 9353–9355

Georgia Tsolomiti and Athanase Tsolomitis\*



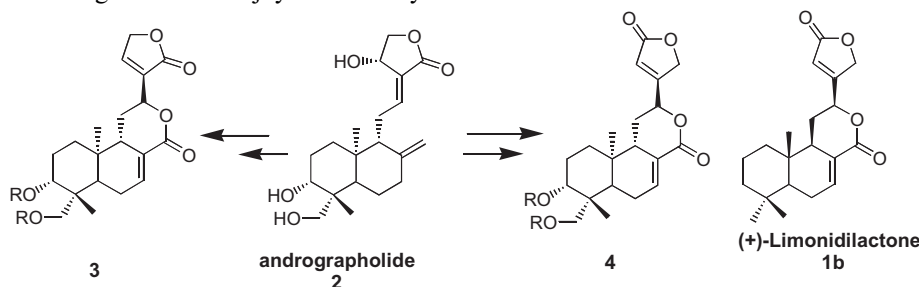
Ar = phenyl or substituted phenyl, R = phenyl or benzyl

The preparation of 2-acetoxy-5-arylpyrroles and 3-pyrrolin-2-ones, from 3-arylpropionamides and acetyl chloride, is described.

**A facile route for the synthesis of limonidilactone analogues from andrographolide**

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Siva Sanjeeva Rao Thunuguntla and Vijay Kumar Nyavanandi and Srinivas Nanduri\*

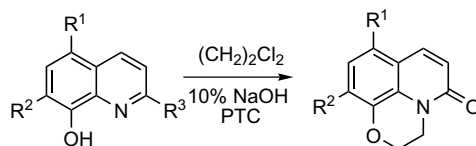


A facile synthetic route has been established to convert andrographolide 2 into two novel limonidilactone analogues 3 and 4.

**General methodology for synthesis of fused tricyclic oxazino-2-quinolones under phase-transfer catalyzed conditions**

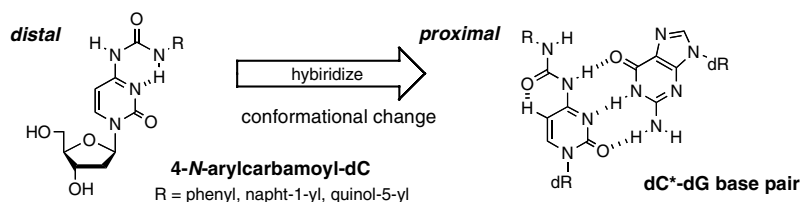
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**Synthesis and hybridization affinity of oligodeoxyribonucleotides incorporating 4-*N*-(*N*-arylcarbamoyl)deoxycytidine derivatives**

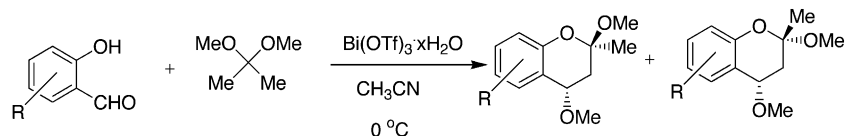
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Kenichi Miyata, Ryuji Tamamushi, Akihiro Ohkubo, Haruhiko Taguchi, Kohji Seio and Mitsuo Sekine\*


**Environment-friendly organic synthesis using bismuth compounds. Bismuth triflate catalyzed synthesis of substituted 3,4-dihydro-2*H*-1-benzopyrans**

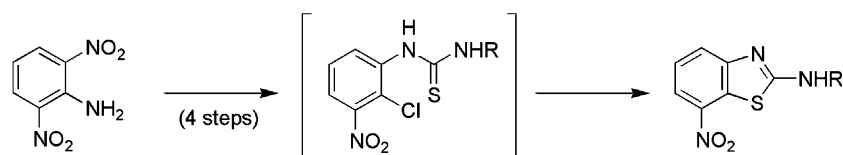
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Mai P. Nguyen, Joshua N. Arnold, Katherine E. Peterson and Ram S. Mohan\*


**Synthesis of 2-*N*-alkyl(aryl)amino-7-nitrobenzothiazoles**

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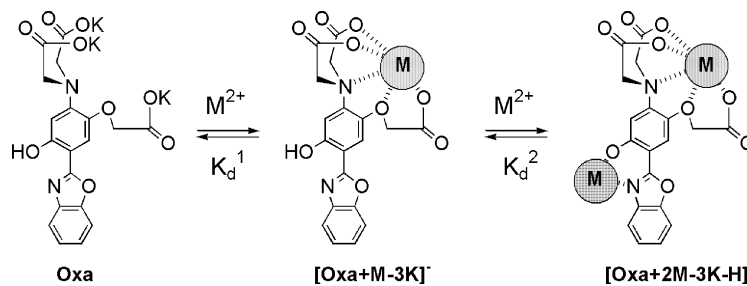
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 A highly efficient synthesis of 2-*N*-alkyl(aryl)amino-7-nitrobenzothiazoles has been developed. The key step involves intramolecular cyclization of a thiourea facilitated by the nitro group.

**A new fluorescent metal sensor with two binding moieties**

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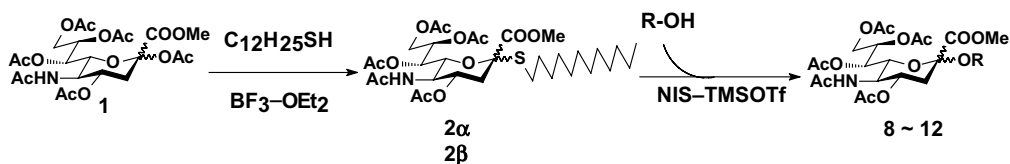
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**Synthesis of a useful lauryl thioglycoside of sialic acid and its application**

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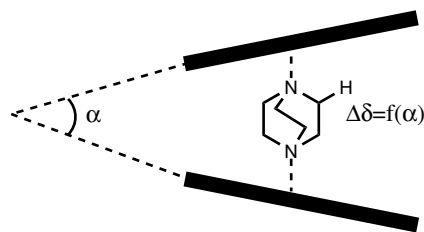
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**Applicability of the <sup>1</sup>H NMR chemical shifts computed by the ab initio/GIAO-HF methodology to the study of geometrical features of Zn-porphyrin dimers**

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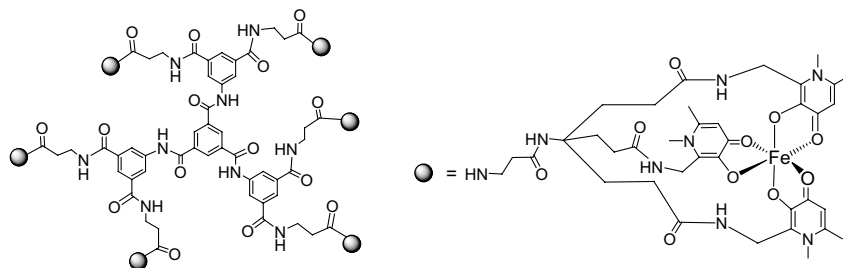
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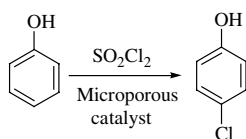
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Tao Zhou, Robert C. Hider,\* Zu D. Liu and Hendrik Neubert



**Shape-selective *para*-chlorination of phenol using sulfuryl chloride with the aid of microporous catalysts** pp 9397–9399  
 Jallal M. Gnam<sup>\*</sup> and Roger A. Sheldon

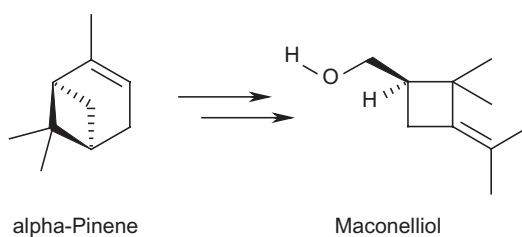


Microporous catalysts efficiently catalyze the selective *para*-chlorination of phenol using  $\text{SO}_2\text{Cl}_2$  in 2,2,4-trimethylpentane at 25 °C. A conversion of ~96%, a *para*-selectivity of ~89%, and a *para*/*ortho* ratio of 8.0, were achieved with  $\text{H}^+$ ,  $\text{Al}^{3+}$ ,  $\text{Na}^+$ ,  $\text{K}^+$ -L zeolite.

**Chiral synthesis of maconelliol: a novel cyclobutanoid terpene alcohol from pink hibiscus mealybug, *Maconellicoccus hirsutus***

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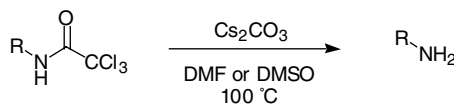
Aijun Zhang,<sup>\*</sup> Junying Nie and Ashot Khrimian



**A novel deprotection of trichloroacetamide**

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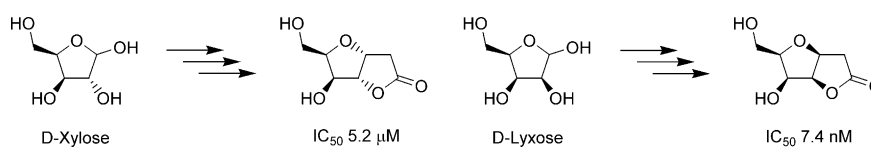
Daisuke Urabe, Kumi Sugino, Toshio Nishikawa and Minoru Isobe<sup>\*</sup>



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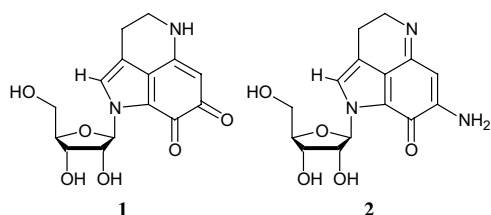
Velimir Popsavin,<sup>\*</sup> Sanja Grabež, Mirjana Popsavin, Ivana Krstić, Vesna Kojić, Gordana Bogdanović and Vladimir Divjaković



**Novel pyrroloquinoline ribosides from the South African latrunculid sponge *Strongyloidesma aliwaliensis***

pp 9415–9418

Robert A. Keyzers, Toufiek Samaai and Michael T. Davies-Coleman\*

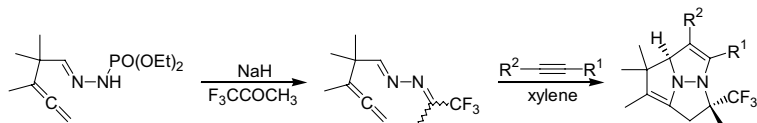


*N*-1-β-D-Ribofuranosyldamirone C (**1**) and *N*-1-β-D-ribofuranosylmakaluvamine I (**2**) were isolated from the marine sponge *Strongyloidesma aliwaliensis*.

**Combined intra–intermolecular criss-cross cycloaddition of a new fluorinated unsymmetrical allenylazine with alkynes**

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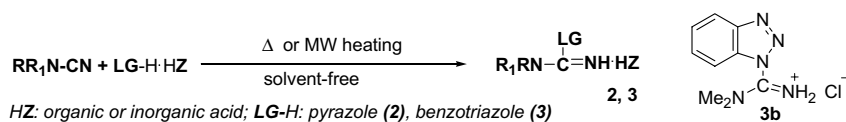
Stanislav Man, Jean-Philippe Bouillon, Marek Nečas and Milan Potáček\*



**Solvent-free synthesis of azole carboximidamides**

pp 9423–9426

Sotir Zahariev,\* Corrado Guarnaccia, Dorian Lamba, Maša Čemažar and Sándor Pongor



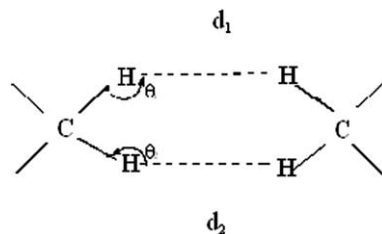
A one-pot procedure is described for the preparation of azole carboximidamides **2**, **3** and guanidinylation of amines with **3**. The X-ray crystal structure of **3b**, has been determined.



**Weak dihydrogen bond interactions in organic crystals**

pp 9427–9429

Lakshminarasimhan Damodharan and Vasantha Pattabhi\*



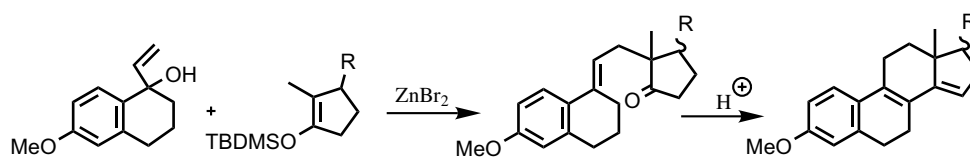
Database analysis on H···H interactions of the type CH<sub>2</sub>···H<sub>2</sub>C and N–H···H–N in organic crystals substantiate the occurrence of dihydrogen bonds in the absence of metal atoms.



**A new flexible synthesis of (D-homo) steroids**

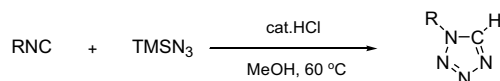
Florence C. E. Sarabère and Aede de Groot\*

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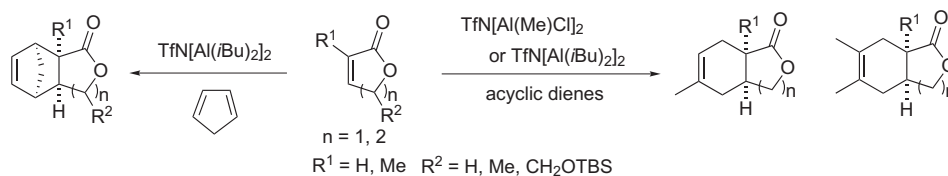
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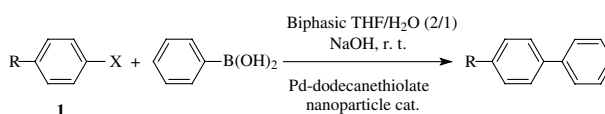
Akio Saito, Hikaru Yanai and Takeo Taguchi\*

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**Palladium–dodecanethiolate nanoparticles as stable and recyclable catalysts for the Suzuki–Miyaura reaction of aryl halides under ambient conditions**

Feng Lu, Jaime Ruiz and Didier Astruc\*

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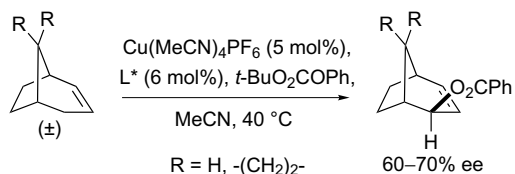




**Asymmetric allylic oxidation of bridged-bicyclic alkenes using a copper-catalysed  
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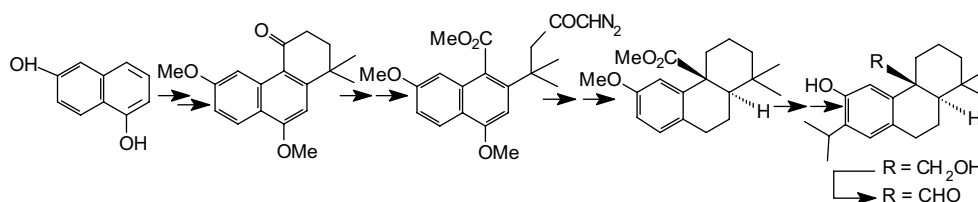
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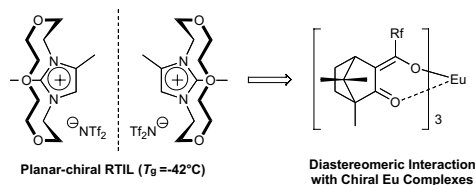
Lokesh Chandra Pati and Debabrata Mukherjee\*



**Design and synthesis of novel imidazolium-based ionic liquids with a pseudo crown-ether moiety:  
diastereomeric interaction of a racemic ionic liquid with enantiopure europium complexes**

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Yasuhiro Ishida, Daisuke Sasaki, Hiroyuki Miyauchi and Kazuhiko Saigo\*

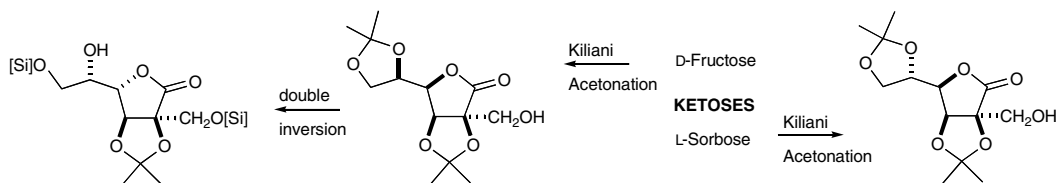


A planar-chiral imidazolium salt with a tris(oxoethylene) bridge was synthesized, and its potential application as a room temperature ionic liquid with a molecular recognition ability was demonstrated.

**Kiliani on ketoses: branched carbohydrate building blocks from D-fructose and L-sorbose**

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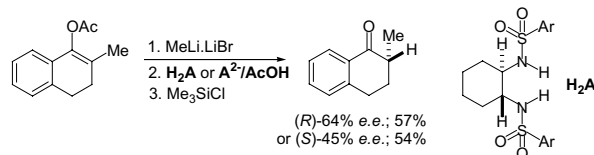
David Hotchkiss, Raquel Soengas, Michela Iezzi Simone, Jeroen van Ameijde, Stuart Hunter, Andrew R. Cowley and George W. J. Fleet\*



**Reversal of enantioselectivity on protonation of enol(ate)s derived from 2-methyl-1-tetralone using  $C_2$ -symmetric sulfonamides**

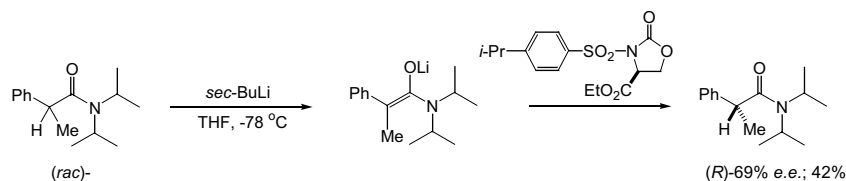
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Ewan Boyd, Gregory S. Coumbarides, Jason Eames,\* Alastair Hay, Ray V. H. Jones, Rachel A. Stenson and Michael J. Suggate


**Investigations into the enantioselective C-protonation of prostereogenic enolate(s) derived from  $N,N'$ -diisopropyl-2-phenylpropanamide using suicide C-based proton sources**

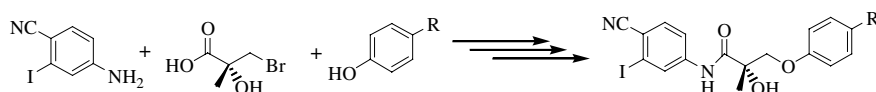
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Gregory S. Coumbarides, Jason Eames,\* Stephanos Ghilagaber and Michael J. Suggate


**Synthesis of novel iodo derived bicalutamide analogs**

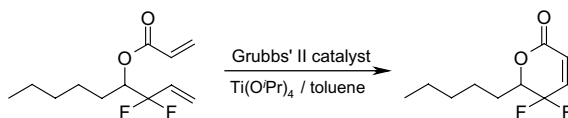
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Vipin A. Nair, Suni M. Mustafa, Michael L. Mohler, Scott J. Fisher, James T. Dalton and Duane D. Miller\*


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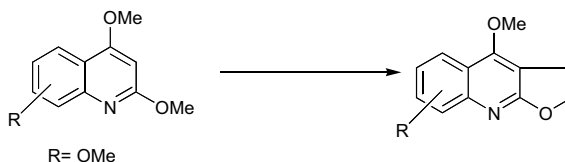
Zheng-Wei You, Yun-Yun Wu and Feng-Ling Qing\*



**New synthesis of linear furoquinoline alkaloids**

Umadevi Bhoga, R. S. Mali and Srinivas R. Adapa\*

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\*Corresponding author

①<sup>+</sup> Supplementary data available via ScienceDirect**COVER**

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