

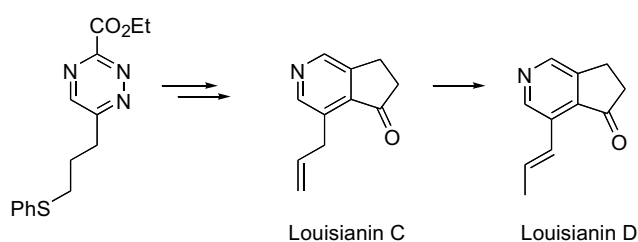
Contents

COMMUNICATIONS

An efficient 1,2,4-triazine-based route to the louisianin alkaloids

pp 2865–2868

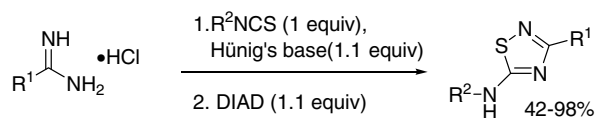
Nicola Catozzi, Pierre Wasnaire, Richard J. K. Taylor \*



An efficient one-pot synthesis of 3-substituted-5-amino-1,2,4-thiadiazoles from isothiocyanates and amidines

pp 2869–2871

Yong-Jin Wu \*, Yunhui Zhang

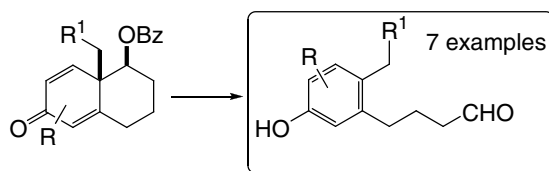


An efficient one-pot synthesis of 3-substituted-5-amino-1,2,4-thiadiazoles from isothiocyanates and amidines is described.

Preparation of phenyl-butyraldehydes using a base-catalyzed aromatization of dienones

pp 2872–2874

María Fernanda Plano, Guillermo R. Labadie, Raquel M. Cravero \*

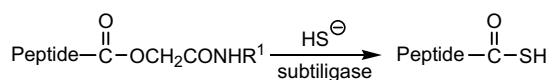




**Subtiligase as a hydrothiolase for the synthesis of peptide thioacids**

pp 2891–2894

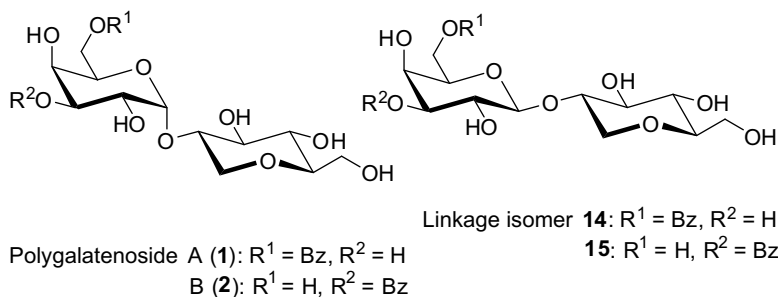
Xiao-Hong Tan, Renliang Yang, Andre Wirjo, Chuan-Fa Liu \*



**Structural establishment of polygalatenosides A and B by total synthesis**

pp 2895–2898

Chih-Ming Huang, Rai-Shung Liu, Tian-Shung Wu, Wei-Chieh Cheng \*

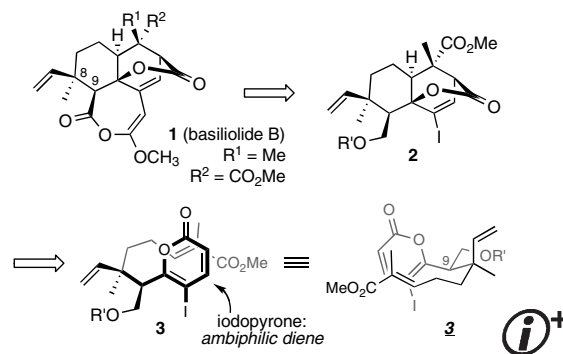


**On the intramolecular pyrone Diels–Alder approach to basililide B**

pp 2899–2901

Mariya V. Kozytska, Gregory B. Dudley \*

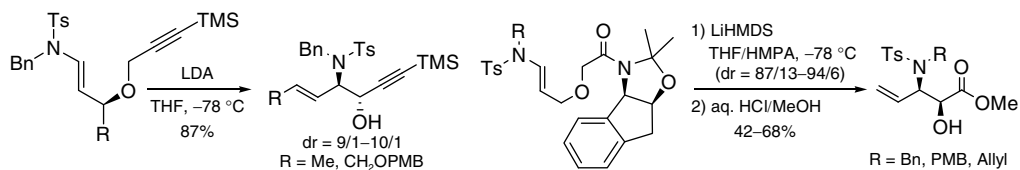
A unified synthetic approach to the basililides/transtaganolides is outlined herein, along with studies illustrating the feasibility of the strategy with respect to the total synthesis of basililide B. This work lays the foundation for chemical synthesis of an emerging family of *Thapsia* metabolites.



**Synthesis of optically enriched 1,2-aminoalcohols by [2,3]-Wittig rearrangements of 3-aza-allylic alcohol derivatives**

pp 2902–2906

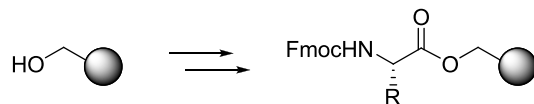
Marion Barbazanges, Christophe Meyer \*, Janine Cossy



**Optimized ‘inverse activation’ methodology for esterification of hydroxyl-functionalized resins**

pp 2907–2910

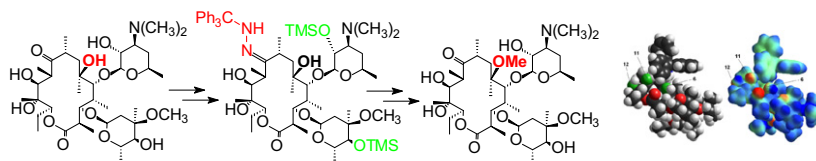
Robert J. Topping, Ileana Nuiry, Jill Mastriona, Jason A. Moss \*



A generally-applicable methodology for high-yielding, racemization-free esterification of Fmoc amino acids onto hydroxyl-functionalized resins is described.

**Novel erythromycin A 9-tritylhydrazone: selective 6-O-methylation and conformational analysis**

pp 2911–2915

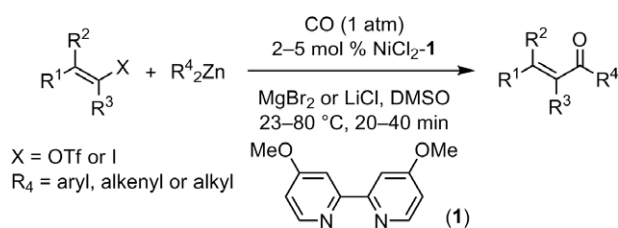
Ernesto Brunet \*, Francisco Parra, Susana Mantecón, Olga Juanes, Juan Carlos Rodríguez-Ubis, M<sup>a</sup> Carmen Cruzado, Ramón Asensio

A new erythromycin A derivative (9-tritylhydrazone) is described and easily transformed into clarithromycin by regioselective O-methylation at C(6)–OH. Conformational analysis based on X-ray diffraction, <sup>1</sup>H NMR data and molecular mechanic calculations was aimed to understand the observed high regioselectivity. The facile synthesis of 6,12-O-dimethylethromycin A is also reported.

**Nickel-catalyzed carbonylative Negishi cross-coupling reactions**

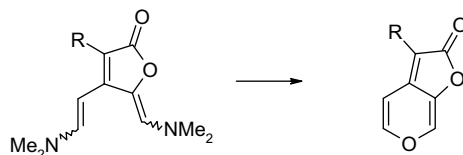
pp 2916–2921

Qiaoling Wang, Chuo Chen \*

**Synthesis of butenolides as seed germination stimulants**

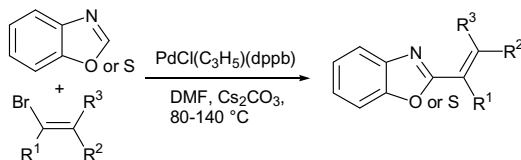
pp 2922–2925

Kingmo Sun, Yuzhong Chen, Ty Wagerle, David Linnstaedt, Martin Currie, Preston Chmura, Ying Song, Ming Xu \*



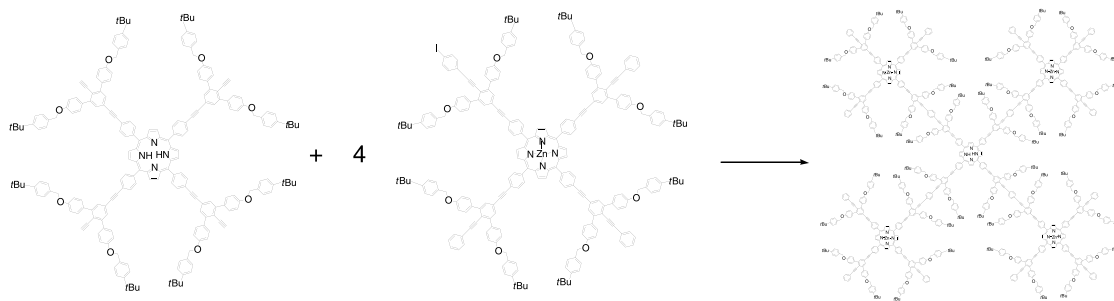
**Alkenyl bromides: useful coupling partners for the palladium-catalysed coupling with heteroaromatics via a C–H bond activation** pp 2926–2930

Aditya L. Gottumukkala, Fazia Derridj, Safia Djebbar, Henri Doucet \*



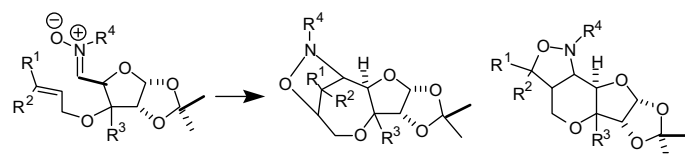
**Stepwise construction of a cross-shaped covalent assembly of dendrimers** pp 2931–2934

Masatoshi Kozaki \*, Hitoshi Tujimura, Shuichi Suzuki, Keiji Okada \*



**Increased formation of oxepanes in non-aqueous medium in the cycloaddition of 3-O-allyl-1,2-isopropylidene-furanose *N*-Ph nitrones** pp 2935–2938

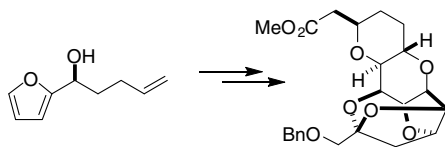
Seema Datta, Madhumita Nath, Sandip Chowdhury, Anup Bhattacharjya \*



R <sup>1</sup> = Ph, R <sup>2</sup> = H, R <sup>3</sup> = $\alpha$ -H, R <sup>4</sup> = Me		61%
R <sup>1</sup> = Ph, R <sup>2</sup> = H, R <sup>3</sup> = $\alpha$ -H, R <sup>4</sup> = Ph	32%	35%
R <sup>1</sup> = R <sup>2</sup> = H, R <sup>3</sup> = $\alpha$ -Me, R <sup>4</sup> = Me	38%	30% (mix. of diast.)
R <sup>1</sup> = R <sup>2</sup> = H, R <sup>3</sup> = $\alpha$ -Me, R <sup>4</sup> = Ph	80%	10% (single diast.)

**A synthesis of the C1–C15 domain of the halichondrins** pp 2939–2941

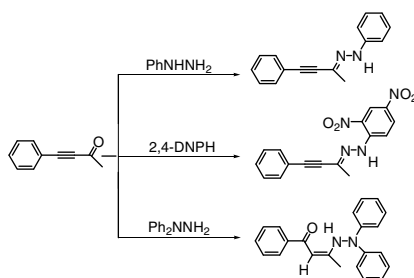
Katrina L. Jackson, James A. Henderson, Jonathan C. Morris, Hajime Motoyoshi, Andrew J. Phillips \*



**Reaction of arylhydrazines with an  $\alpha$ -alkynyl-carbonylic compound: an unexpected hydration reaction**

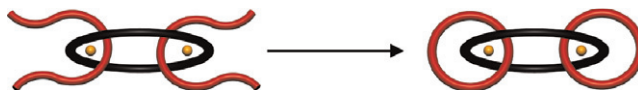
pp 2942–2945

Eugenia Josefina Aldeco-Pérez, Cecilio Álvarez-Toledano, Alfredo Toscano, José Guadalupe García-Estrada, José Guillermo Penieres-Carrillo \*

**A double ring-closing olefin metathesis approach to [3]catenanes**

pp 2946–2950

Manav Gupta, Songsu Kang, Michael F. Mayer \*

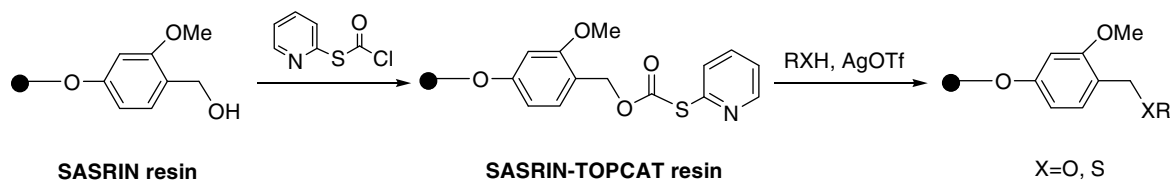


A [3]catenane was synthesized via a double intramolecular ring-closing olefin metathesis within a [3]pseudorotaxane.

**Synthesis and properties of a new SASRIN resin derivative: SASRIN-2-pyridylthiocarbonate (SASRIN-TOPCAT) resin**

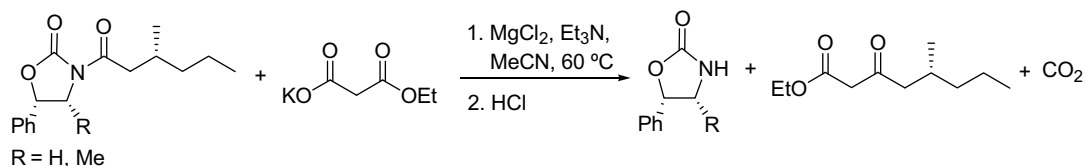
pp 2951–2955

Peng Zhao, Zhen-Jun Yang, Liang-Ren Zhang, Li-He Zhang \*

**Expeditious, large scale preparation of ethyl (*R*)-5-methyl-3-oxo octanoate via a cross Claisen reaction between *N*-acyl oxazolidinone derivatives and the magnesium enolate of potassium ethyl malonate**

pp 2956–2959

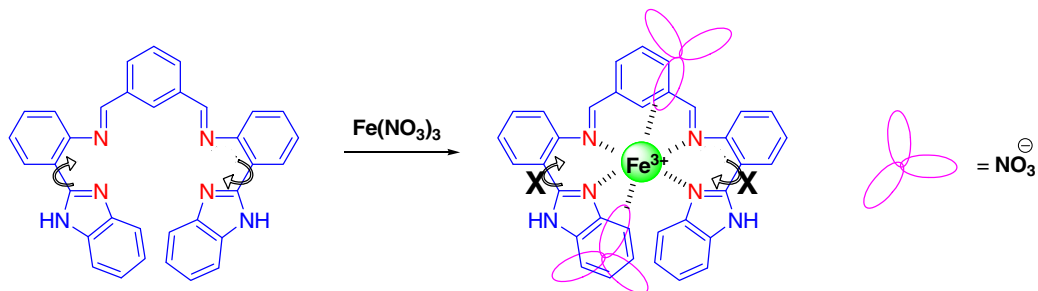
Javier Magano \*, Thomas N. Nanninga, Derick D. Winkle



**Highly Fe<sup>3+</sup> selective ratiometric fluorescent probe based on imine-linked benzimidazole**

pp 2960–2964

Hee Jung Jung, Narinder Singh, Doo Ok Jang \*

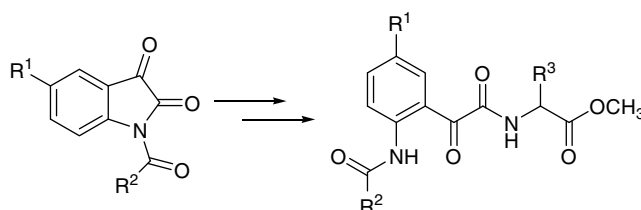


**i**<sup>+</sup>

**Synthesis of anti-bacterial peptidomimetics derived from *N*-acylisatins**

pp 2965–2968

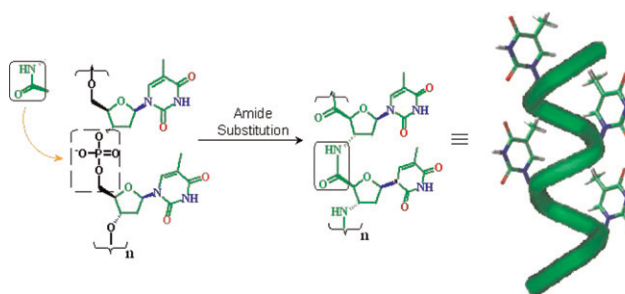
Wai Ching Cheah, David StC Black, Wai Kean Goh, Naresh Kumar \*



**Nucleoside derived amino acids (NDA) in foldamer chemistry: synthesis and conformational studies of homooligomers of modified AZT**

pp 2969–2973

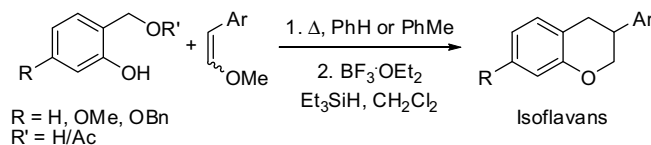
S. Chandrasekhar \*, G. Pavan Kumar Reddy, M. Udaya Kiran, Ch. Nagesh, B. Jagadeesh \*



***o*-Quinone methide based approach to isoflavans: application to the total syntheses of equol, 3'-hydroxyequol and vestitol**

pp 2974–2978

Santosh J. Gharpure \*, A. M. Sathiyarayanan, Prasad Jonnalagadda

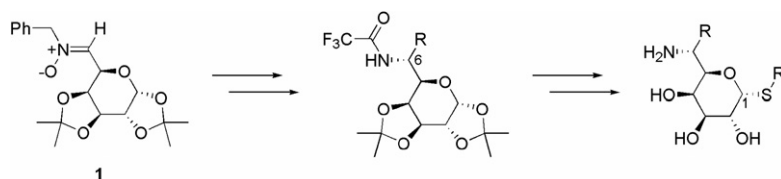


A concise route to isoflavans employing a Diels–Alder reaction between *o*-quinone methide and aryl-substituted enol ethers followed by reductive cleavage of acetals under Lewis acidic conditions is described.

**Novel 6-position modified 1-thioalkyl-lincosamines**

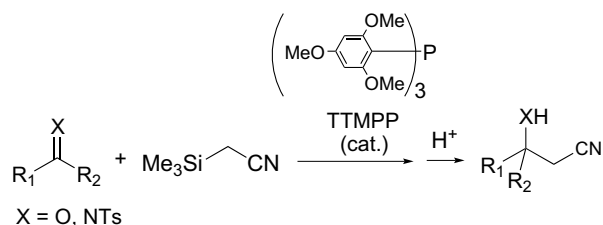
pp 2979–2981

Hardwin O'Dowd \*, Jason G. Lewis, Mikhail F. Gordeev

Galactose nitrone **1** was elaborated to several new 6-position modified thioalkyl-lincosamines.**Catalytic cyanomethylation of carbonyl compounds and imines with highly basic phosphine**

pp 2982–2984

Satoru Matsukawa \*, Eri Kitazaki

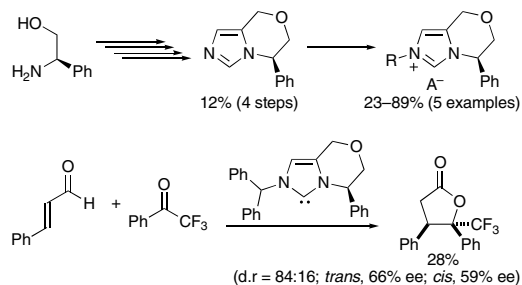


A highly basic phosphine, tris(2,4,6-trimethoxy phenyl)phosphine (TTMPP), catalyzes cyano-methylation using trimethylsilylacetonitrile to give the corresponding products in good yield.

**Chiral bicyclic imidazolium salts as a new class of N-heterocyclic carbene precursors**

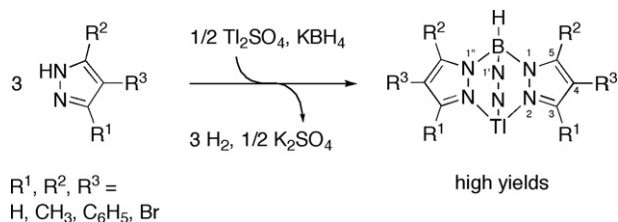
pp 2985–2989

Yuki Matsuoka, Yasuhiro Ishida \*, Kazuhiko Saigo \*

**Solvent-free one-pot synthesis of thallium complexes of Tp [BH(Pz)<sub>3</sub>]<sup>-</sup> (Pz = pyrazolate) and its derivatives**

pp 2990–2993

Kazuomi Tsuda, Kengo Miyata, Tomoko Okuno, Masahiro Yoshimura, Shinji Tanaka, Masato Kitamura \*

R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> =  
H, CH<sub>3</sub>, C<sub>6</sub>H<sub>5</sub>, Br

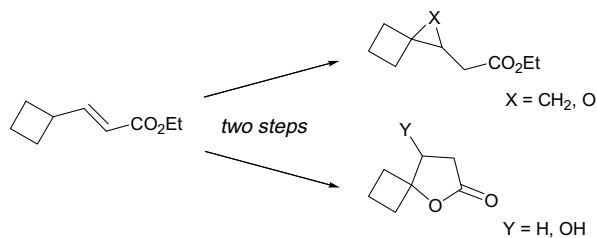
high yields



**A short access to highly strained spiranic compounds from ethyl 3-cyclobutylprop-2-enoate**

pp 2994–2995

Hani Salim, Olivier Piva \*

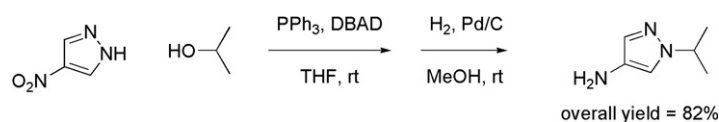


The title compound was transformed according a two step sequence into spiro[3,2]hexane and spiro[4,3]octane derivatives.

**A practical, two-step synthesis of 1-alkyl-4-aminopyrazoles**

pp 2996–2998

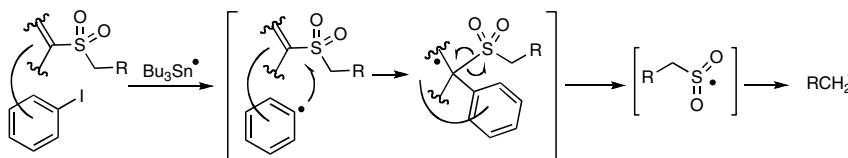
Anna A. Zabierek, Kaleen M. Konrad, Andrew M. Haidle \*



**Intramolecular homolytic aromatic substitution of alkyl 2-benzimidazolyl sulfones as a means of entry into alkyl radicals for organic synthesis**

pp 2999–3003

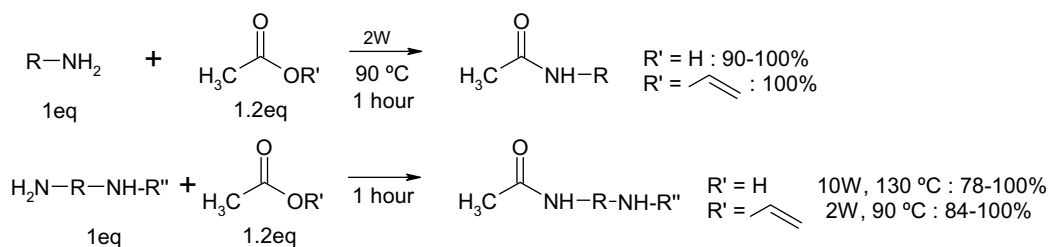
David Crich, Daniel Grant \*



**Microwaves-assisted solvent-free synthesis of *N*-acetamides by amidation or aminolysis**

pp 3004–3008

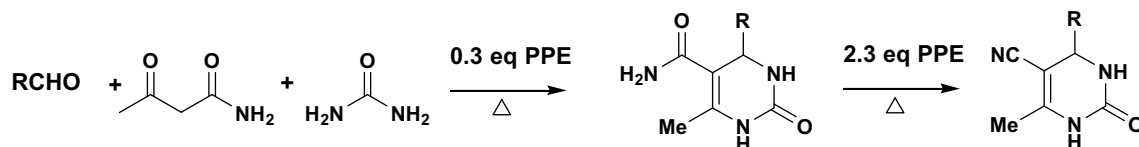
Clotilde Ferroud \*, Marie Godart, Stéphane Ung, Hélène Borderies, Alain Guy



**One-pot two step synthesis of 5-cyano-dihydropyrimidinones using polyphosphate ester**

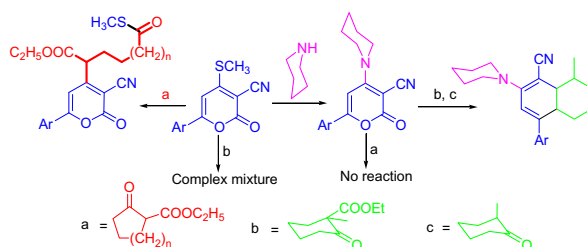
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Robert J. Schmidt \*, Louis J. Lombardo, Sarah C. Traeger, David K. Williams

**A substituent directed regioselective synthesis of aryl/pyronyl pendant unusual adipate and tetrahydronaphthalene**

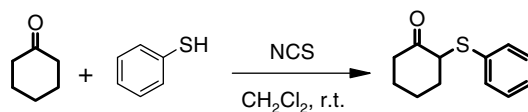
pp 3011–3014

Ramendra Pratap \*, Vishnu Ji Ram \*

***N*-Chlorosuccinimide as a versatile reagent for the sulfonylation of ketones: a facile synthesis of  $\alpha$ -ketothioethers**

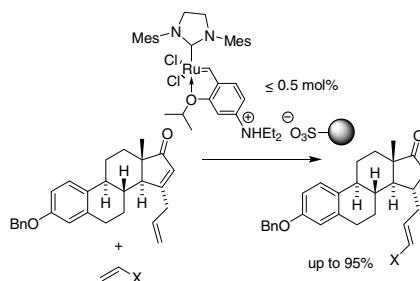
pp 3015–3018

J. S. Yadav \*, B. V. Subba Reddy, Ruchi Jain, Gakul Baishya

**Homo- and heterogeneous Ru-based metathesis catalysts in cross-metathesis of 15-allylestrore—towards 17 $\beta$ -hydroxysteroid dehydrogenase type 1 inhibitors**

pp 3019–3022

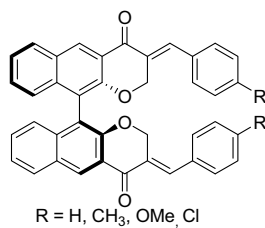
Andreas Kirschning \*, Kirsten Harmrolfs, Klaas Mennecke, Josef Messinger, Uwe Schön, Karol Grela




**Synthesis and characterization of chiral enantiopure bis-chromanones: a Baylis–Hillman approach**

pp 3023–3026

Yeasudhasan Christu Rajan, Charles Christopher Kanakam \*



\*Corresponding author

 Supplementary data available via ScienceDirectAvailable online at [www.sciencedirect.com](http://www.sciencedirect.com)

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