

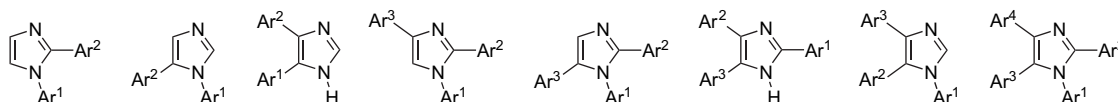
Contents

REPORT

Synthesis and biological activity of vicinal diaryl-substituted 1*H*-imidazoles

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Fabio Bellina, Silvia Cauteruccio and Renzo Rossi*



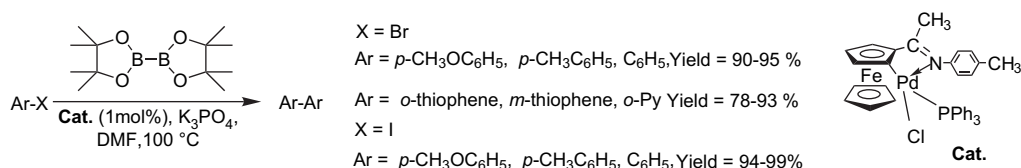
The methods used for the synthesis of vicinal diaryl-substituted 1*H*-imidazole derivatives are reviewed. This report, which contains 519 references, also summarizes the biological properties of some of these heterocycles.

ARTICLES

Cyclopalladated ferrocenylimine: a highly effective catalyst for the borylation/suzuki coupling reaction

pp 4625–4629

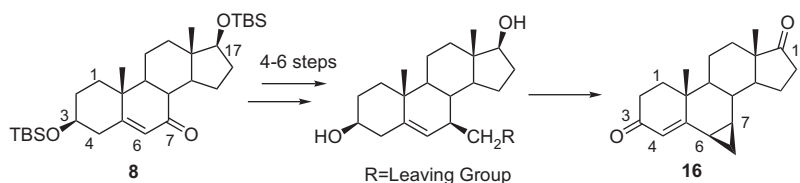
Ning Ma, Zhiwu Zhu and Yangjie Wu*



A new route to stereoselective construction of 6β,7β-methylene unit from androst-5-en-7-one

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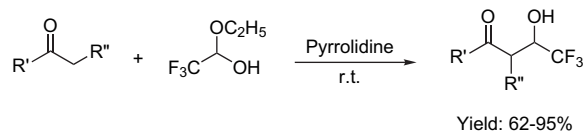
Gang Deng, Zheng Li, Shu-Ying Peng, Li Fang and Yuan-Chao Li*



Pyrrolidine as an efficient organocatalyst for direct aldol reaction of trifluoroacetaldehyde ethyl hemiacetal with ketones

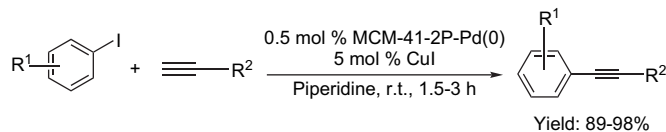
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Fanglin Zhang, Yiyuan Peng, Saihu Liao and Yuefa Gong*


MCM-41-supported bidentate phosphine palladium(0) complex: a highly active and recyclable catalyst for the Sonogashira reaction of aryl iodides

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Mingzhong Cai,* Junchao Sha and Qihua Xu

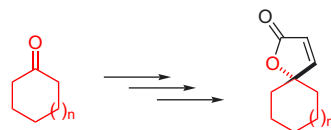


The first MCM-41-supported bidentate phosphine palladium(0) complex is a highly efficient catalyst for Sonogashira reaction and can be reused at least 10 times without any decrease in activity.

Synthesis of spirocyclic butenolides by ring closing metathesis

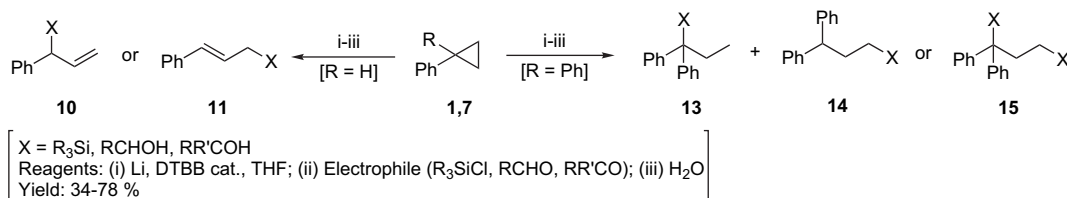
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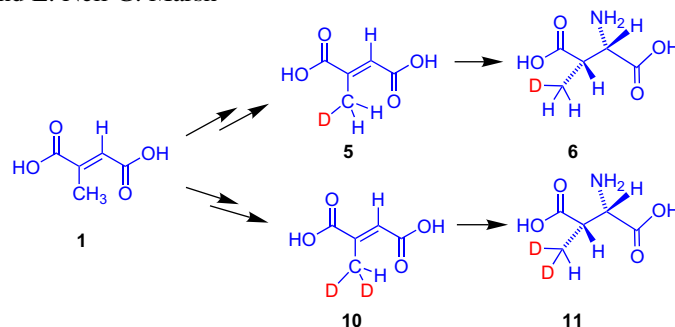
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Cecilia Gómez,* Victor J. Lillo and Miguel Yus*



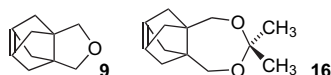
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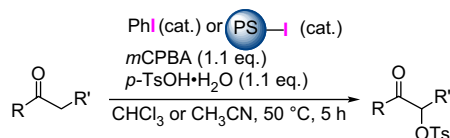
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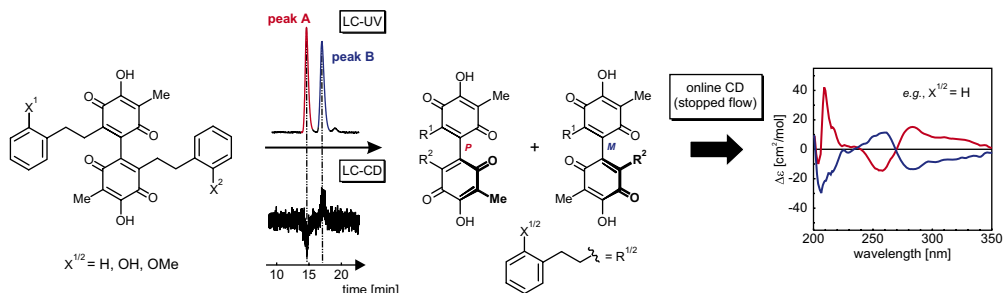
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Yukiharu Yamamoto, Yuhta Kawano, Patrick H. Toy and Hideo Togo*



Parvistemins A–D, a new type of dimeric phenylethyl benzoquinones from *Stemona parviflora* Wright pp 4688–4694

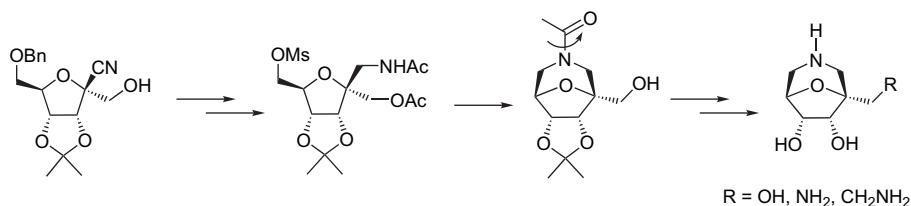
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Stereocontrolled synthesis of iminocyclitols with an ether bridge

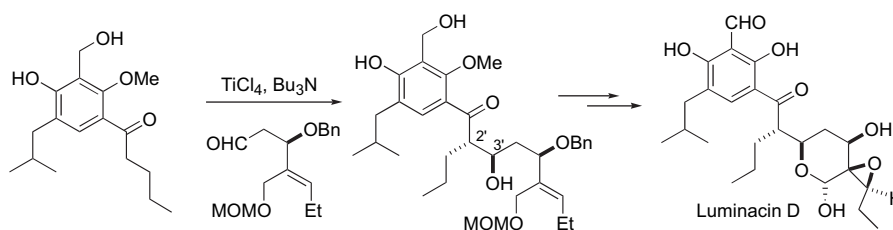
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Francisco J. Sayago, José Fuentes,* Manuel Angulo, Consolación Gasch and M. Ángeles Pradera

**Total synthesis of (±)-luminacin D**

pp 4703–4711

Daniel Oehlich, Sandrine M. E. Vidot, Mark W. Davies, Guy J. Clarkson and Michael Shipman*

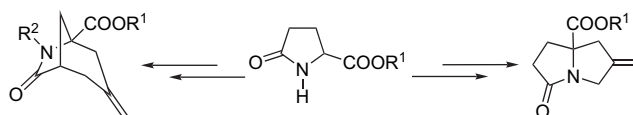


A 15-step synthesis of luminacin D is described in which the key step involves construction of the central C-2'/C-3' bond by application of a diastereoselective aldol condensation.

Exploiting the regioselectivity of pyroglutamate alkylations for the synthesis of 6-azabicyclo[3.2.1]octanes and 4-azabicyclo[3.3.0]octanes

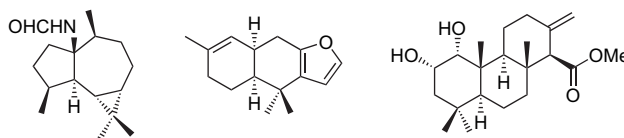
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Kurt G. R. Masschelein, Christian V. Stevens,* Nicolai Dieltiens and Diederica D. Claeys

**Terpenoid metabolites of the nudibranch *Hexabranchnus sanguineus* from the South China Sea**

pp 4725–4729

Wen Zhang, Margherita Gavagnin,* Yue-Wei Guo,* Ernesto Mollo, Michael T. Ghiselin and Guido Cimino

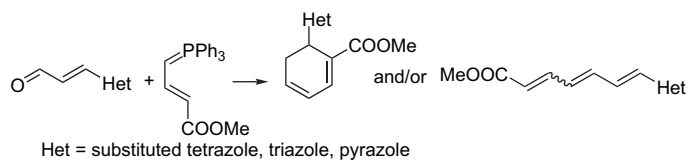


Remarkable diversity of secondary metabolites from *Hexabranchnus sanguineus* suggests some cues on studying evolutionary trends in nudibranchs.

A novel ambident reactivity of azolylacroleins

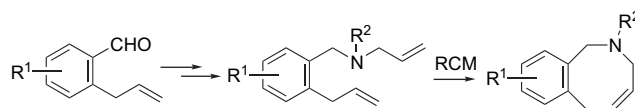
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Ildikó Nagy, György Hajós,* Zsuzsanna Riedl, Orsolya Egyed and Imre Pápai

**The synthesis of 2-benzazocines using ring-closing metathesis as a key step**

pp 4737–4747

Jenny-Lee Panayides, Rakhi Pathak, Helen Panagiotopoulos, Hajierah Davids, Manuel A. Fernandes, Charles B. de Koning and Willem A. L. van Otterlo*

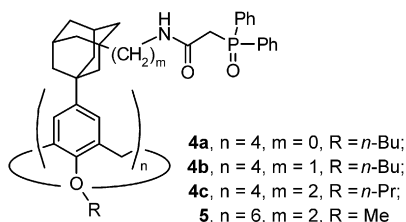


A number of substituted 2-benzazocines were synthesized from 2-allyl-3-isopropoxy-4-methoxybenzaldehyde and 5-isopropoxy-4-methoxy-2-[(*E*)-3-phenyl-2-propenyl]benzaldehyde using ring-closing metathesis as the key step.

Adamantylcalixarenes with CMPO groups at the wide rim: synthesis and extraction of lanthanides and actinides

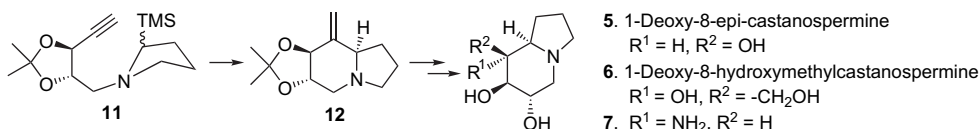
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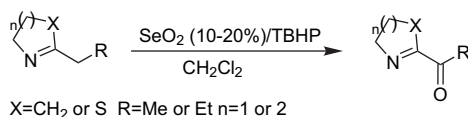
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Ganesh Pandey,* Shrinivas G. Dumbre, Sujit Pal, M. Islam Khan and M. Shabab



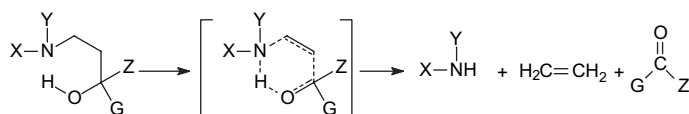
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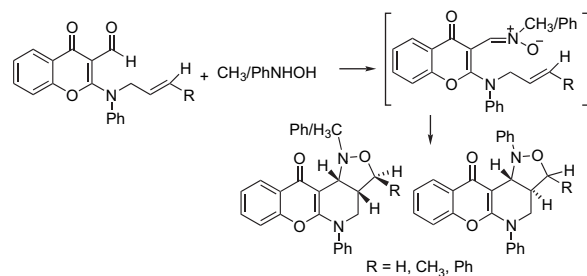
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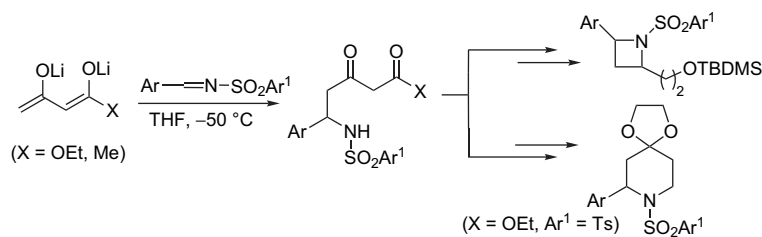
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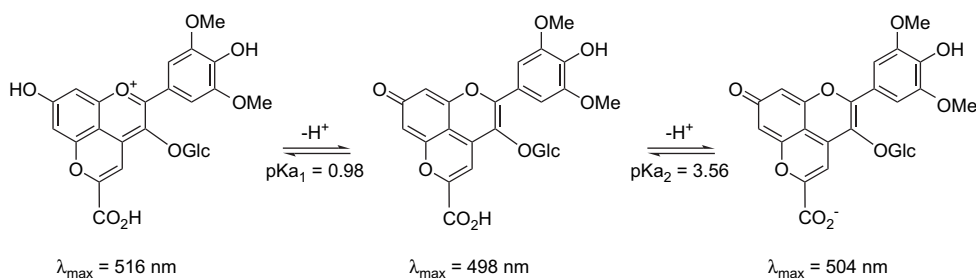
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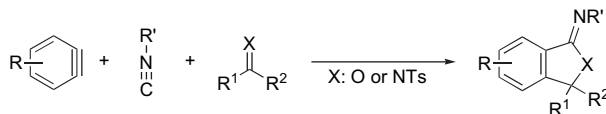
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Robert E. Asenstorfer* and Graham P. Jones


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A synthesis, including asymmetric synthesis, of α -quaternary α -amino aldehydes from ketones and chloromethyl *p*-tolyl sulfoxide via sulfinylaziridines

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Tsuyoshi Satoh,* Juri Endo, Hiroyuki Ota and Toshio Chyouma



*Corresponding author

 Supplementary data available via ScienceDirect



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