



Tetrahedron Vol. 65, Issue 49, 2009

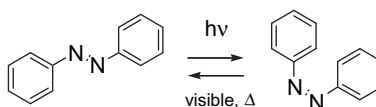
Contents

REPORT

Azobenzenes—synthesis and carbohydrate applications

pp 10105–10123

Florian Hamon, Florence Djedaini-Pilard, Francis Barbot, Christophe Len*



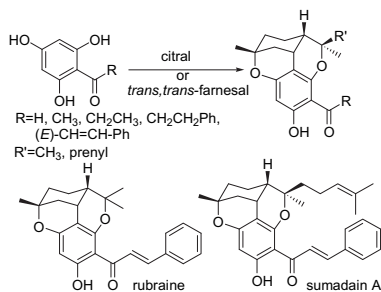
The synthesis of azobenzene derivatives and of azo-linked carbohydrate moieties is reviewed. The report contains 119 references.

ARTICLES

EDDA-catalyzed rapid synthetic routes for biologically interesting polycycles bearing citrans and chalcones:
the first total synthesis of sumadain A

pp 10125–10133

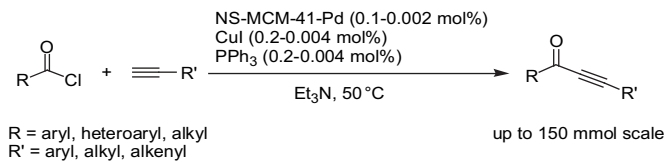
Xue Wang, Yong Rok Lee*



Highly-efficient and recyclable nanosized MCM-41 anchored palladium bipyridyl complex-catalyzed coupling of acyl chlorides and terminal alkynes for the formation of ynones

pp 10134–10141

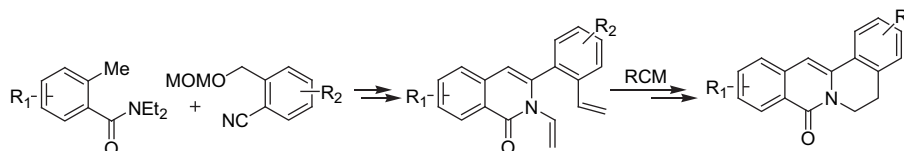
Jun-You Chen, Tze-Chiao Lin, Szu-Chien Chen, Ai-Jan Chen, Chung-Yuan Mou, Fu-Yu Tsai*



Total synthesis of 8-oxypseudopalmitine and 8-oxypseudoberberine via ring-closing metathesis

pp 10142–10148

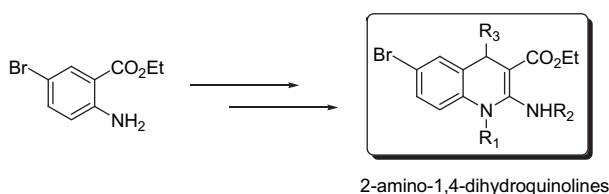
Hue Thi My Van, Su Hui Yang, Daulat Bikram Khadka, Yong-Chul Kim, Won-Jea Cho*



The first synthesis of 2-amino-1,4-dihydroquinolines

pp 10149–10154

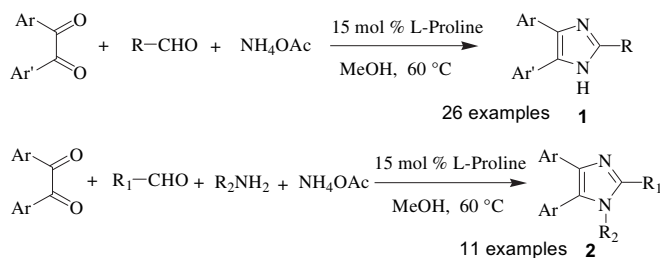
Guillaume Viault, Danielle Grée, Thierry Roisnel, Srivari Chandrasekhar, René Grée*



L-Proline: an efficient catalyst for the one-pot synthesis of 2,4,5-trisubstituted and 1,2,4,5-tetrasubstituted imidazoles

pp 10155–10161

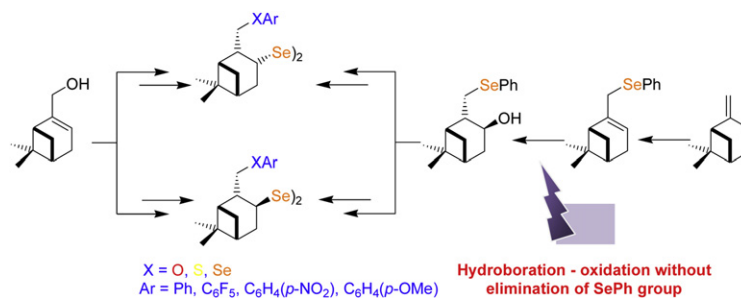
Subhasis Samai, Ganesh Chandra Nandi, Pallavi Singh, M.S. Singh*



New chiral selenium electrophiles derived from functionalized terpenes

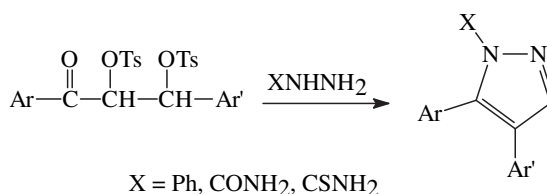
pp 10162–10174

Jacek Ścianowski*, Zbigniew Rafiński, Aleksandra Szuniewicz, Andrzej Wojtczak

**The chemistry of α,β -ditosyloxyketones: new and convenient route for the synthesis of 1,4,5-trisubstituted pyrazoles from α,β -chalcone ditosylates**

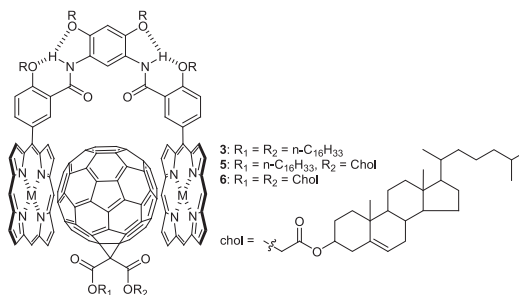
pp 10175–10181

Om Prakash*, Deepak Sharma, Raj Kamal, Rajesh Kumar, Reshmi R. Nair

**Complexes between hydrogen bonded bisporphyrin tweezers and cholesterol-appended fullerenes as organogelators and liquid crystals**

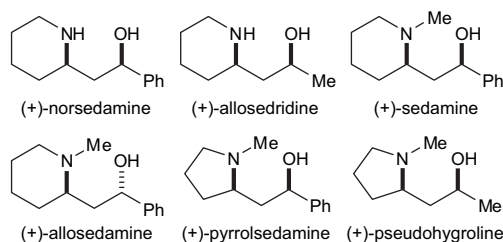
pp 10182–10191

Ze-Yun Xiao, Jun-Li Hou, Xi-Kui Jiang, Zhan-Ting Li*, Zhi Ma*

**Asymmetric synthesis of *Sedum* alkaloids via lithium amide conjugate addition**

pp 10192–10213

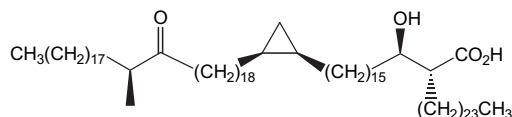
Stephen G. Davies*, Ai M. Fletcher, Paul M. Roberts, Andrew D. Smith

The asymmetric synthesis of a range of *Sedum* alkaloids is described.

The synthesis of single enantiomers of mycobacterial ketomycolic acids containing *cis*-cyclopropanes

pp 10214–10229

Gani Koza, Cornelia Theunissen, Juma'a R. Al Dulayymi, Mark S. Baird*

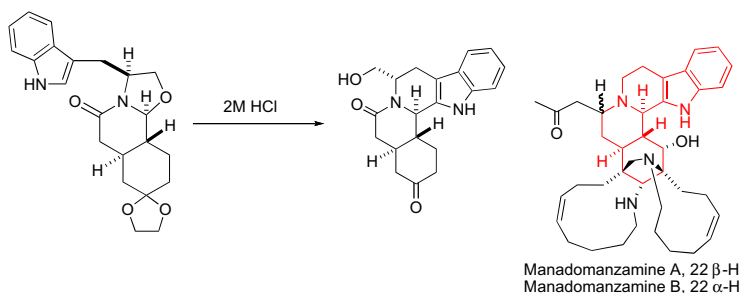


The syntheses of single enantiomers of protected ketomycolic acids containing a *cis*-cyclopropane, and of related hydroxy-mycolic acids and a chemical method for deprotection of the ketomycolate derivatives without epimerisation are reported.

**Facile asymmetric construction of a functionalized dodecahydrobenz[a]indolo[3,2-*h*]quinolizine template**

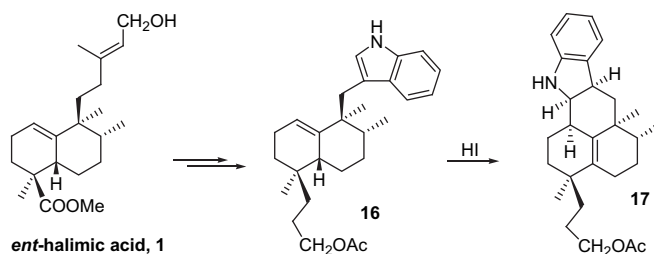
pp 10230–10234

Steven M. Allin*, Liam J. Duffy, Joannah M.R. Towler, Philip C. Bulman Page, Mark R.J. Elsegood, Basu Saha

**Synthesis of hexahydrocarbazoles by cyclisation of 3-(but-3-enyl) indole derivatives**

pp 10235–10242

Isidro S. Marcos*, Rosalina F. Moro, Isabel Costales, Miguel A. Escola, Pilar Basabe, David Díez, Julio G. Urones

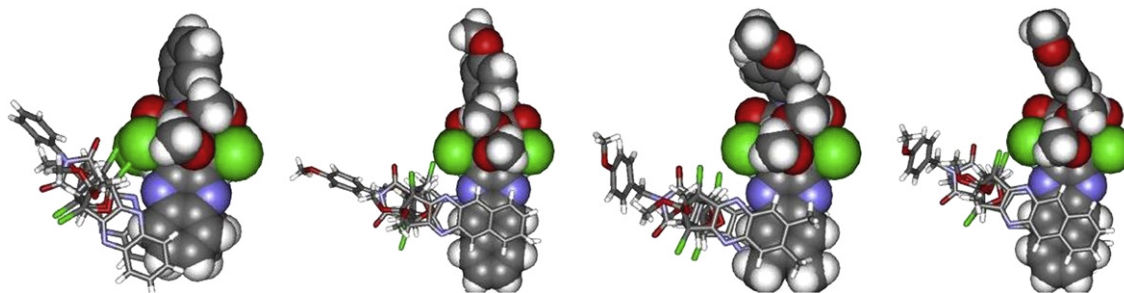


A new cyclisation of 3-(but-3-enyl) indole derivatives to give hexahydrocarbazole structure, generating three stereogenic centres in one step, is described.

Quinoxaline-based U-shaped septuple-bridged [7,7]orthocyclophanes: synthesis, solid-state structure, and self-assembly

pp 10243–10257

Teh-Chang Chou*, Kuen-Cheng Lin, Cheng-An Wu



*Corresponding author

+ Supplementary data available via ScienceDirect



Full text of this journal is available, on-line from **ScienceDirect**. Visit www.sciencedirect.com for more information.

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