



Tetrahedron Vol. 64, No. 48, 2008

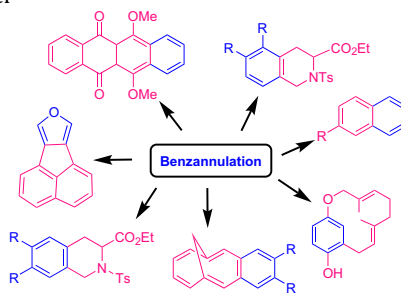
Contents

REPORT

Benzannulation

pp 10775–10790

Sambasivarao Kotha*, Shilpi Misra, Somnath Halder



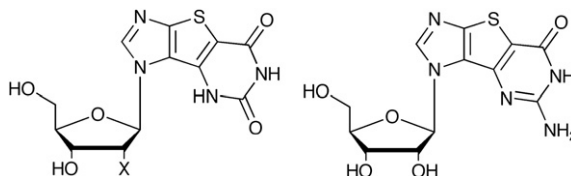
Various synthetic methodologies developed in recent years for benzannulation have been reviewed. These methodologies include cycloaddition approaches, metathesis-based approaches, transition-metal-promoted processes, Vilsmeier reactions, etc.

ARTICLES

Mechanistic studies in the synthesis of a series of thieno-expanded xanthosine and guanosine nucleosides

pp 10791–10797

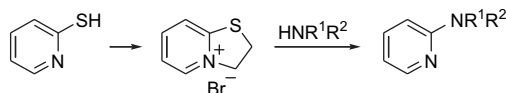
Zhibo Zhang, Orrette R. Wauchope, Katherine L. Seley-Radtke*



A mild, catalyst-free synthesis of 2-aminopyridines

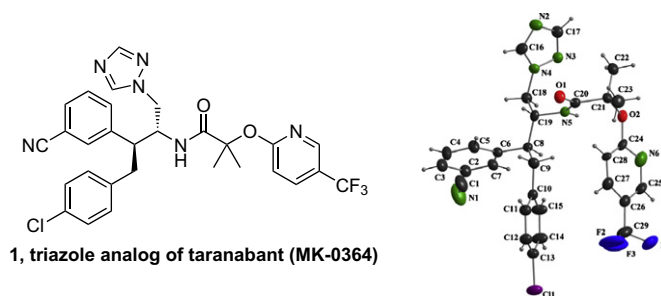
pp 10798–10801

Bhaskar Poola, Wonken Choung, Michael H. Nantz*

**Design, chemical synthesis, and biological evaluation of novel triazolyl analogues of taranabant (MK-0364), a cannabinoid-1 receptor inverse agonist**

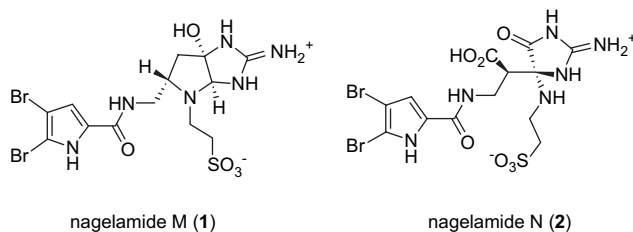
pp 10802–10809

Min-ah Kim, Hoseop Yun, HyunJung Kwak, Jeongmin Kim, Jinhwa Lee*

**Nagelamides M and N, new bromopyrrole alkaloids from sponge *Agelas* species**

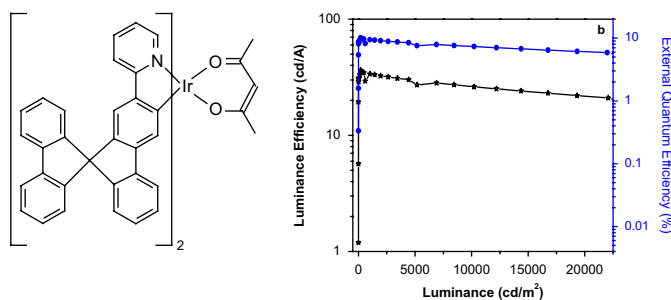
pp 10810–10813

Takaaki Kubota, Atsushi Araki, Junji Ito, Yuzuru Mikami, Jane Fromont, Jun'ichi Kobayashi*

**Novel iridium complexes as high-efficiency yellow and red phosphorescent light emitters for organic light-emitting diodes**

pp 10814–10820

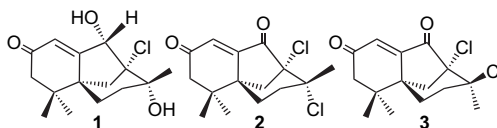
Jun Hong Yao, Changgua Zhen, Kian Ping Loh, Zhi-Kuan Chen*



Gomerones A–C, halogenated sesquiterpenoids with a novel carbon skeleton from *Laurencia majuscula*

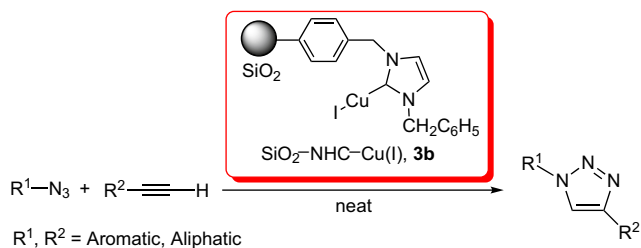
pp 10821–10824

Ana R. Díaz-Marrero, Inmaculada Brito, José M. de la Rosa, José Darias, Mercedes Cueto*

**SiO₂–NHC–Cu(I): an efficient and reusable catalyst for [3 + 2] cycloaddition of organic azides and terminal alkynes under solvent-free reaction conditions at room temperature**

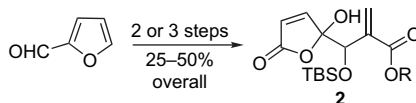
pp 10825–10830

Pinhua Li, Lei Wang*, Yicheng Zhang

**A tandem Baylis–Hillman-singlet oxygen oxidation reaction for facile synthesis of γ -substituted γ -hydroxybutenolides**

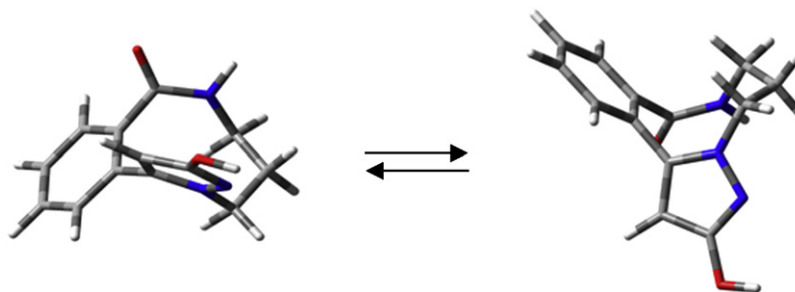
pp 10831–10836

Santoshkumar N. Patil, Benjamin E. Stephens, Fei Liu*

**DNMR, DFT and preparative study on the conformation of (Z)-4,5,6,7-tetrahydropyrazolo[1,5-e]benzo[g][1,5]diazonin-8-ones and (Z)-4,5-dihydropyrazolo[1,5-d]benzo[f][1,4]diazocin-7(6H)-ones**

pp 10837–10848

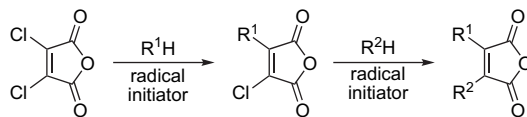
Ádám Gyömöre, Zoltán Kovács, Tibor Nagy, Veronika Kudar, András Szabó, Antal Csámpai*



A facile synthesis of alkyl substituted maleic anhydrides: radical approach

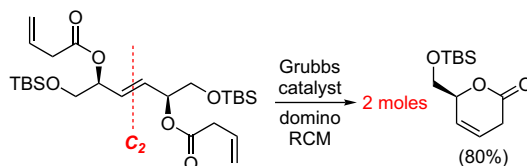
pp 10849–10852

Artyom V. Messorosh*, Alexey V. Trukhin, Evgenii V. Eliseenkov

**The use of D-mannitol-derived C₂-symmetric trienes in tandem metathesis reactions towards valuable lactones**

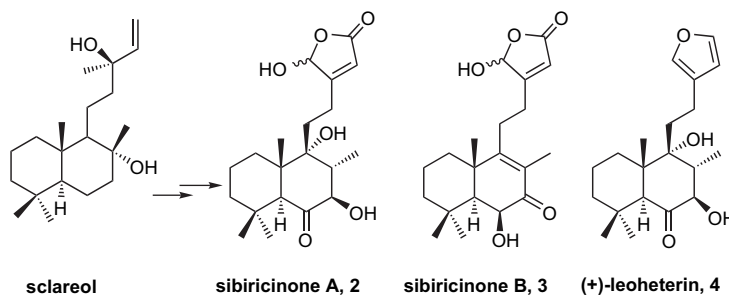
pp 10853–10859

Nassima Riache, Alain Blond, Bastien Nay*

**Synthesis of sibiricinone A, sibiricinone B and leoheterin**

pp 10860–10866

I.S. Marcos*, L. Castañeda, P. Basabe, D. Díez, J.G. Urones

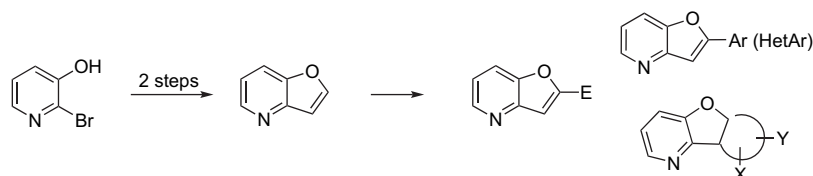


Three natural compounds sibiricinone A, sibiricinone B and leoheterin have been synthesized from sclareol.

Furo[3,2-*b*]pyridine: a convenient unit for the synthesis of polyheterocycles

pp 10867–10873

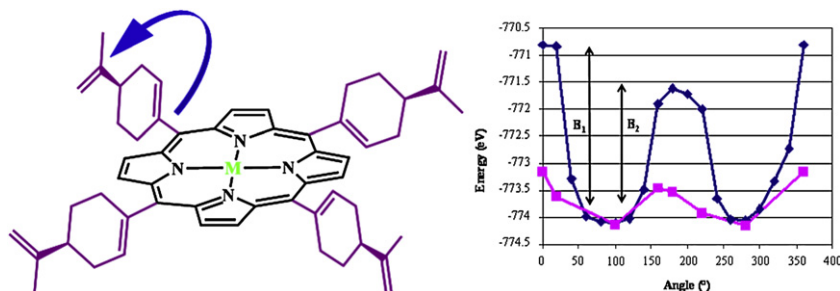
Anthony Chartoire, Corinne Comoy, Yves Fort*



Synthesis and conformational studies of chiral *meso*-(α,β -unsaturated)-porphyrins

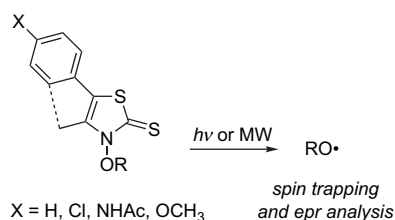
pp 10874–10881

Alexandra Fateeva, Adrian Calborean, Jacques Pécaut, Pascale Maldivi, Jean-Claude Marchon, Lionel Dubois*


Spin trapping of alkoxy radicals generated from 5-methyl and 5-aryl-3-alkoxy-4-methylthiazole-2(3*H*)-thiones in photochemically induced and microwave-initiated reactions

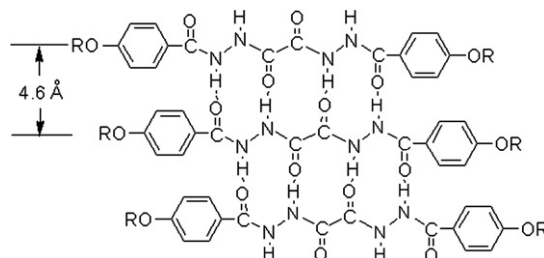
pp 10882–10889

Andreas Groß, Nina Schneiders, Kristina Daniel, Thomas Gottwald, Jens Hartung*


Self-assembly of linear-shaped bi-dihydrazine derivative through intermolecular quadruple hydrogen bonding

pp 10890–10895

Songnan Qu, Min Li*

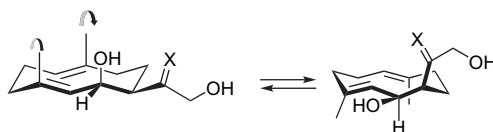


A linear-shaped bi-1,3,4-oxadiazole derivative self-assembled to supramolecules through intermolecular quadruple hydrogen bonding and π - π interactions either in chloroform at higher concentrations or in gel in dichloroethane.


Substituent effects in the transannular cyclizations of germacranes. Synthesis of 6-*epi*-costunolide and five natural steiractinolides

pp 10896–10905

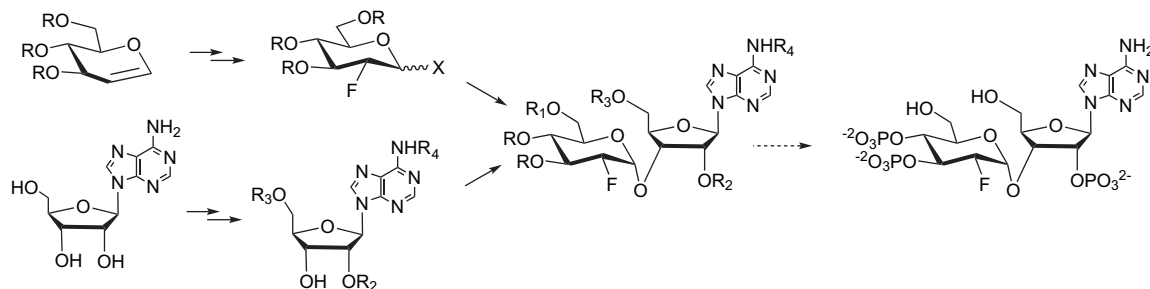
Redouan Azarken, Francisco M. Guerra, F. Javier Moreno-Dorado, Zacarías D. Jorge, Guillermo M. Massanet*



Towards the preparation of 2''-deoxy-2''-fluoro-adenophostin A. Study of the glycosylation reaction

pp 10906–10911

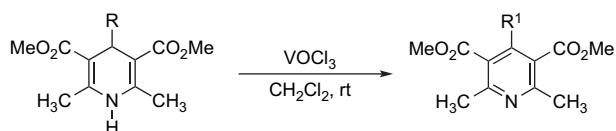
David Benito, M. Isabel Matheu*, Alain Morère, Yolanda Díaz, Sergio Castellón*



Rapid, efficient, room temperature aromatization of Hantzsch-1,4-dihydropyridines with vanadium(V) salts: superiority of classical technique versus microwave promoted reaction

pp 10912–10918

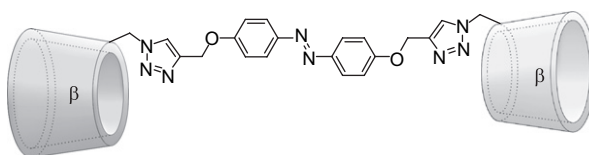
Mirela Filipan-Litvić, Mladen Litvić*, Vladimir Vinković



Synthesis of β -cyclodextrin derivatives functionalized with azobenzene

pp 10919–10923

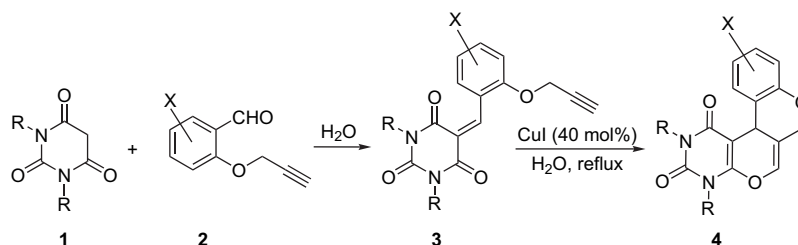
Juan M. Casas-Solvas, Manuel C. Martos-Maldonado, Antonio Vargas-Berenguel*



Intramolecular hetero-Diels–Alder reaction of 1-oxa-1,3-butadienes with terminal acetylenes in aqueous media using CuI

pp 10924–10929

Malihe Javan Khoshkholgh, Saeed Balalaie*, Rolf Gleiter, Frank Rominger



*Corresponding author

 Supplementary data available via ScienceDirect



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