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Publisher's Announcement

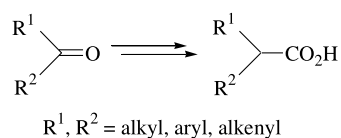
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REPORT

Homologation of ketones into carboxylic acids

pp 11–42

Neil F. Badham

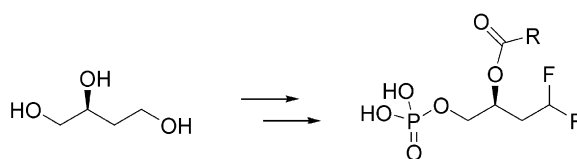


ARTICLES

Synthesis of difluoromethyl substituted lysophosphatidic acid analogues

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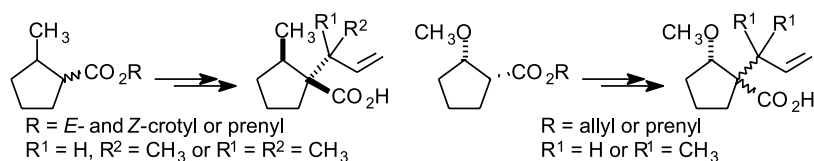
Yong Xu, Lian Qian, Aaron V. Pontsler, Thomas M. McIntyre and Glenn D. Prestwich*



Facial selectivity of the Ireland–Claisen rearrangement of allylic esters of 2-methyl and 2-methoxycyclopentanecarboxylic acids

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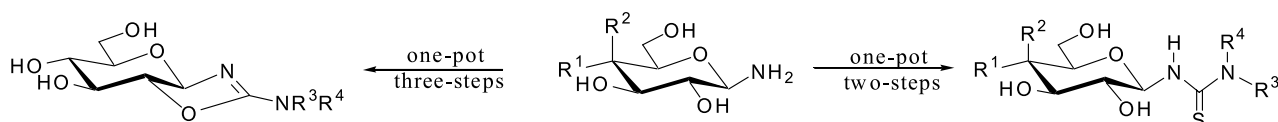
John C. Gilbert,* Jiandong Yin, Fatima H. Fakhreddine and Matthew L. Karpinski



Simple and efficient synthesis of *O*-unprotected glycosyl thiourea and isourea derivatives from glycosylamines

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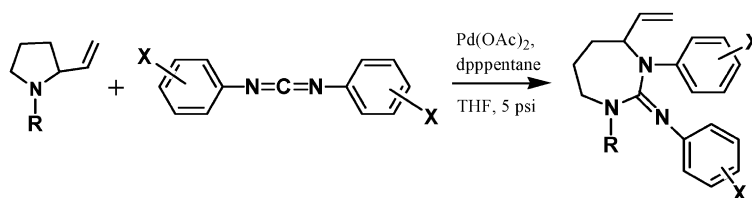
Óscar López, Inés Maya, José Fuentes and José G. Fernández-Bolaños*



Regioselective and enantioselective synthesis of seven-membered ring cyclic arylguanidine and urea derivatives

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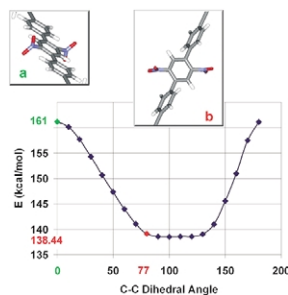
Hai-Bing Zhou and Howard Alper*



Synthesis of terphenyl oligomers as molecular electronic device candidates

pp 81–92

Francisco Maya and James M. Tour*

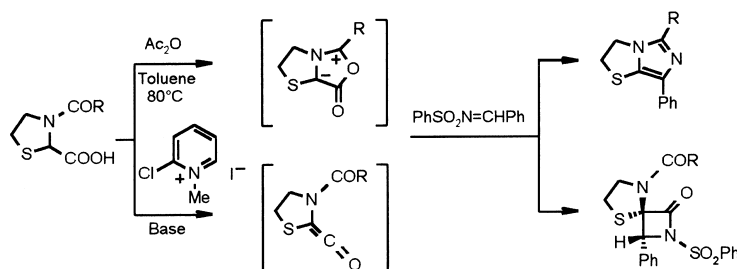


A series of terphenyl-based molecular electronics candidates were synthesized based on known structure–activity relationships and molecular modeling of C–C rotational barriers.

Synthesis of imidazo[5,1-*b*]thiazoles or spiro- β -lactams by reaction of imines with mesoionic compounds or ketenes generated from *N*-acyl-thiazolidine-2-carboxylic acids

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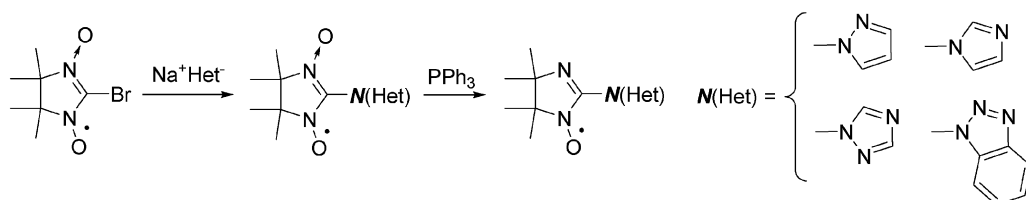
Giuseppe Cremonesi, Piero Dalla Croce and Concetta La Rosa*



Syntheses and structures of azol-1-yl derivatives of nitronyl and imino nitroxides

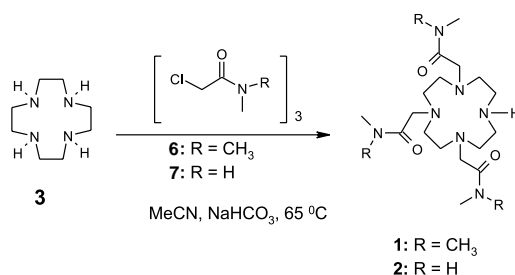
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Eugene V. Tretyakov, Galina V. Romanenko and Victor I. Ovcharenko*

**Three step vs one pot synthesis and X-ray crystallographic investigation of heptadentate triamide cyclen (1,4,7,10-tetraazacyclododecane) based ligands and some of their lanthanide ion complexes**

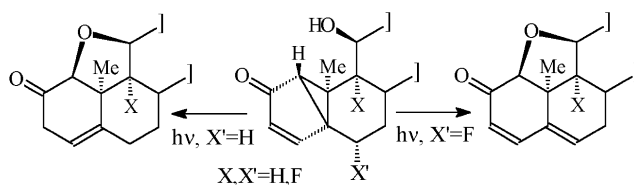
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Thorfinnur Gunnlaugsson,* Joseph P. Leonard,* Sinead Mulready and Mark Nieuwenhuyzen

**Photochemistry of some steroidal bicyclo[3.1.0]hexenones**

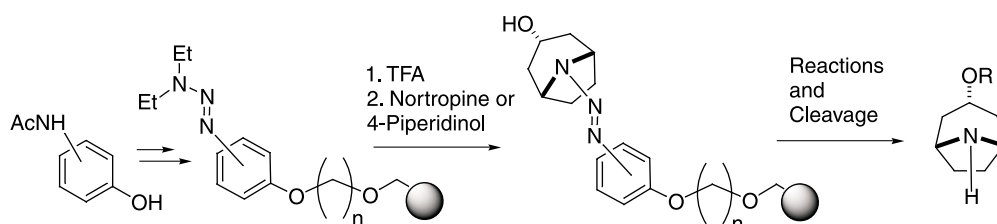
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Andrea Ricci, Elisa Fasani, Mariella Mella and Angelo Albini*

**A new strategy for synthesis of polymeric supports with triazene linkers**

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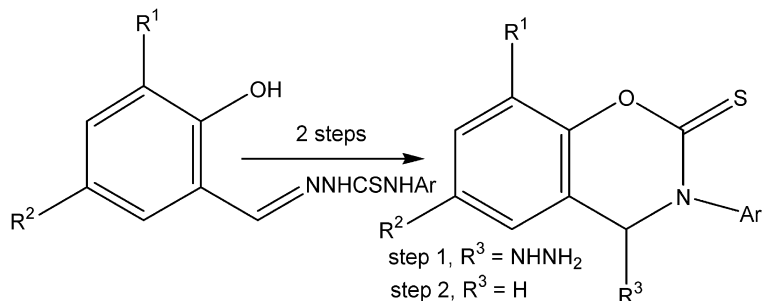
Ryszard Lazny,* Aneta Nodzevska and Piotr Klosowski



Mineral supported syntheses of benzoxazine-2-thiones under microwave irradiation

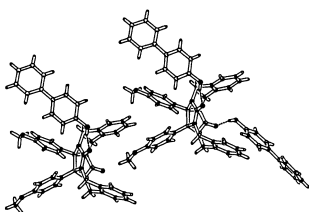
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Lal Dhar S. Yadav,* Beerendra S. Yadav and Suman Dubey

**A new binding motif in molecular clips: 1-D polymeric self-inclusion in a phenol complex of a bis(methoxyphenyl)glycoluril**

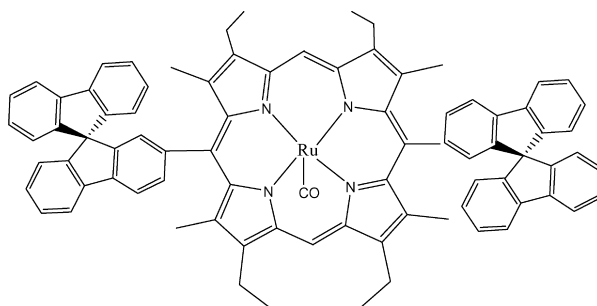
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Bernadette S. Creaven, John F. Gallagher, John P. McDonagh, John McGinley,* Brian A. Murray* and Giuseppe S. Whelan

**Synthesis and stereochemical studies of di and tetra 9,9'-spirobifluorene porphyrins: new building blocks for catalytic material**

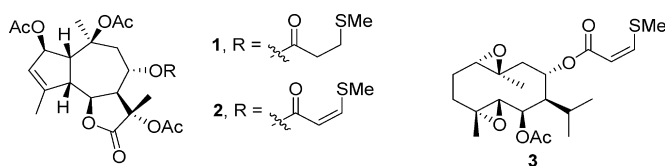
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Cyril Poriel, Yann Ferrand, Sandrine Juillard, Paul Le Maux and Gérard Simonneaux*

**Sulfur-containing sesquiterpenes from *Thapsia villosa***

pp 159–164

Juan J. Rubal, Francisco M. Guerra, F. Javier Moreno-Dorado, M. Akssira, F. Mellouki, Antonio J. Pujadas, Zacarías D. Jorge and Guillermo M. Massanet*

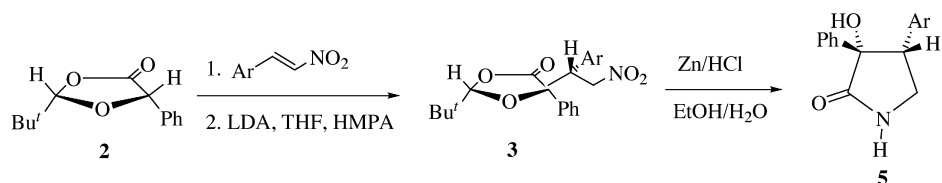


Diastereoselective Michael addition of (*S*)-mandelic acid enolate to nitroalkenes.

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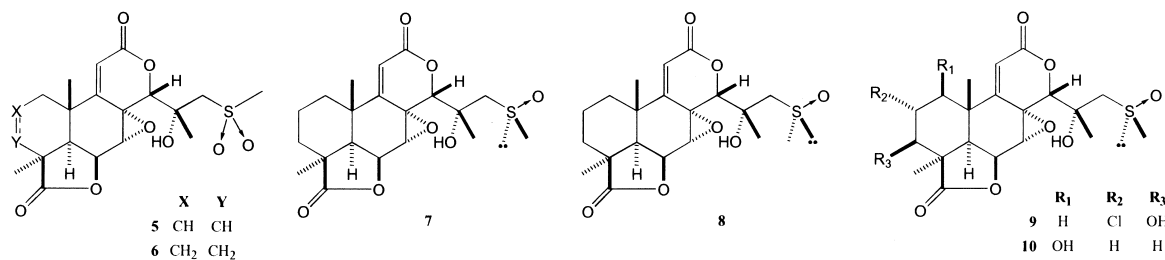
Enantioselective synthesis of α -hydroxy- α,β -diaryl- γ -lactams

Gonzalo Blay, Isabel Fernández, Belén Monje and José R. Pedro*

**Rakanmakilactones A–F, new cytotoxic sulfur-containing norditerpene dilactones from leaves of *Podocarpus macrophyllus* var. *maki***

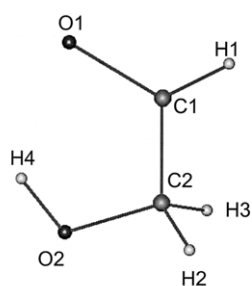
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Hyun-Sun Park, Naoki Yoda, Haruhiko Fukaya, Yutaka Aoyagi and Koichi Takeya*

**The nature of the rotational barriers in simple carbonyl compounds**

pp 179–185

Tomasz Ratajczyk, Magdalena Pecul and Joanna Sadlej*

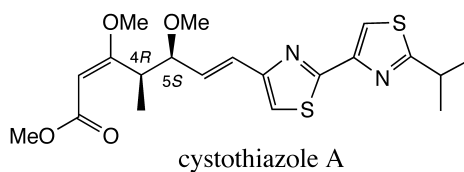


Gc-glycolaldehyde

Syntheses of cystothiazole A and its stereoisomers: importance of stereochemistry for antifungal activity

pp 187–194

Makoto Ojika,* Tatsuya Watanabe, Jianhua Qi, Tomoharu Tanino and Youji Sakagami

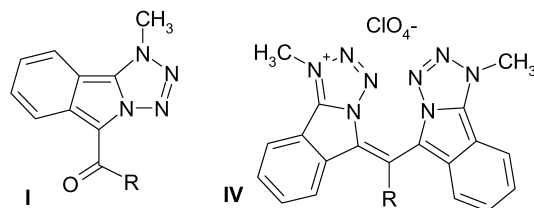


All stereoisomers of cystothiazole A, a myxobacterial antifungal antibiotic, were synthesized enantioselectively, and the importance of the natural 4*R*,5*S* configuration for antifungal activity was unambiguously demonstrated.

New cyanine dyes derived from tetrazolo[5,1-*a*]isoindoles

pp 195–201

Z. V. Voitenko,* T. V. Yegorova, A. I. Kysil', C. André and J. G. Wolf

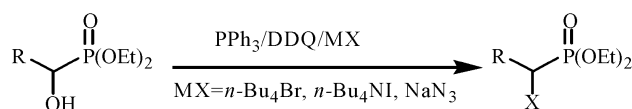


5-Acyl-1-methyltetrazolo[5,1-*a*]isoindoles I and a new type of tetrazoloisoindole based monomethine cyanines IV were isolated in the acylation reaction of 1-methyltetrazolo[5,1-*a*]isoindole with acyl chlorides.

PPh₃/DDQ as a neutral system for the facile preparation of diethyl α -bromo, α -iodo and α -azidophosphonates from diethyl α -hydroxyphosphonates

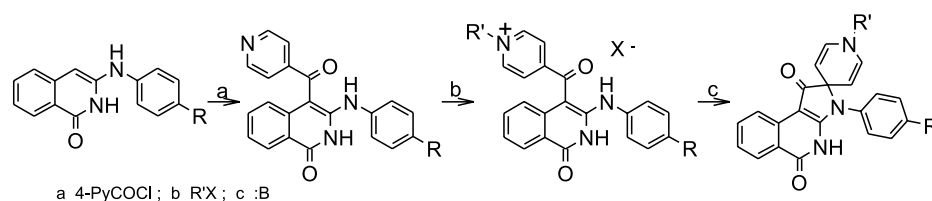
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Habib Firouzabadi,* Nasser Iranpoor* and Sara Sobhani

**Fused isoquinolines: 3-aryl-2,3,4,5-tetrahydro-1*H*-pyrrolo[2,3-*c*]isoquinoline-1,5-dione-2-spiro-4'-(1'-alkyl-1',4'-dihydropyridine)s**

pp 211–217

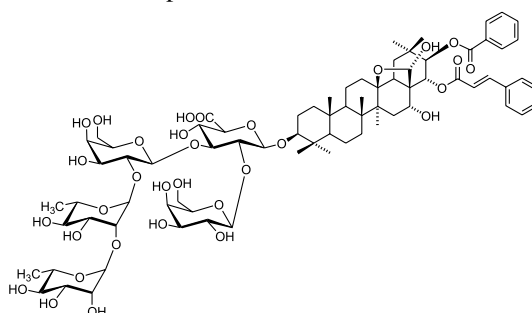
Tat'yana T. Kucherenko,* Roman Gutsul, Vladimir M. Kisel and Vladimir A. Kovtunenکو

**New pentacyclic triterpene saponins with strong *anti*-leishmanial activity from the leaves of *Maesa balansae***

pp 219–228

Nils Germonprez, Luc Van Puyvelde,* Louis Maes, Mai Van Tri and Norbert De Kimpe*

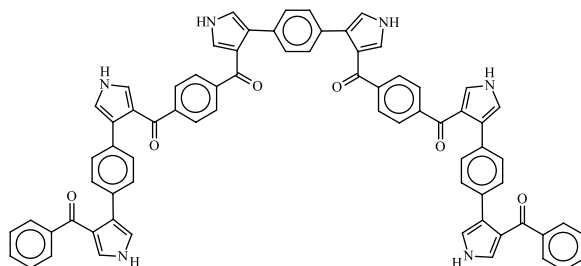
This article discloses the isolation and structural elucidation of six novel pentacyclic triterpene saponins with strong *anti*-leishmanial activity from the dried leaves of *Maesa balansae*, collected in Vietnam.



Gekreuzt konjugierte oligomere aus pyrrol-, benzol- und carbonyl-Bausteinen

Angelina Hormaza, Sabine Hinneschiedt und Herbert Meier*

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*Corresponding author

①⁺ Supplementary data available via ScienceDirect

www.tetrahedron.info

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