

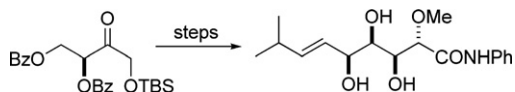
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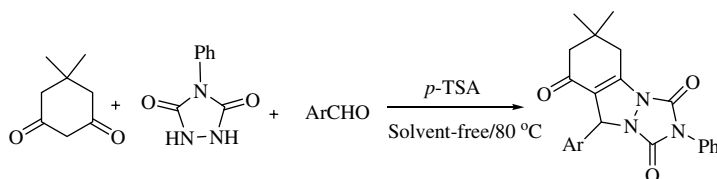
Ashley A. Jaworski and Jason D. Burch*



A novel three-component method for the synthesis of triazolo[1,2-*a*]indazole-triones

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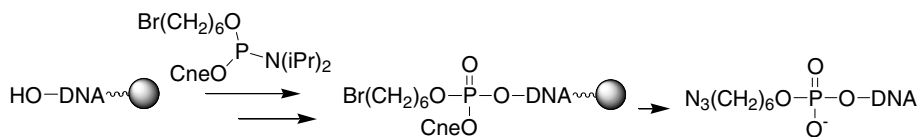
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An efficient reagent for 5'-azido oligonucleotide synthesis

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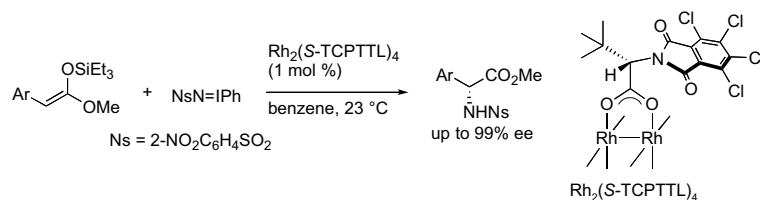
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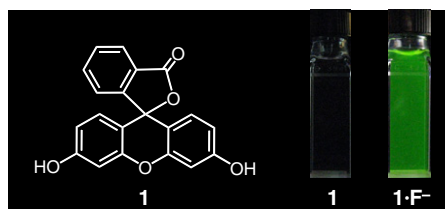
A new phosphorylating reagent for chemical 5'-azidation of oligonucleotides.

Enantioselective amination of silylketene acetals with (*N*-arylsulfonylimino)phenyliodinanes catalyzed by chiral dirhodium(II) carboxylates: asymmetric synthesis of phenylglycine derivatives pp 8799–8802

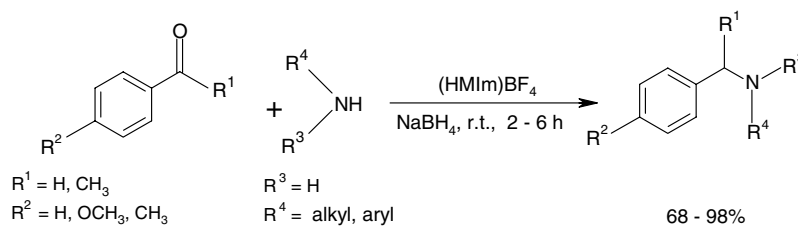
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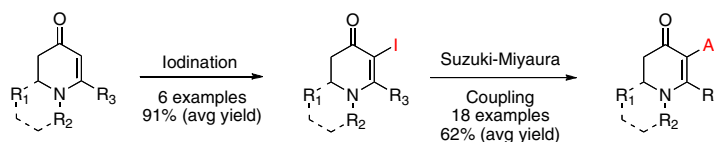
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Reductive amination of carbonyl compounds using NaBH₄ in a Brønsted acidic ionic liquid pp 8807–8810

P. Srinivasa Reddy, Sanjit Kanjilal, S. Sunitha and Rachapudi B. N. Prasad*


Microwave-assisted Suzuki–Miyaura couplings on α -iodoenaminones pp 8811–8814

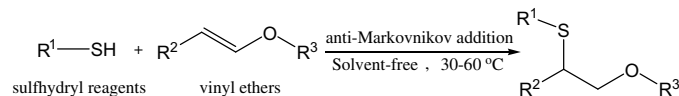
Xin Wang, Brandon J. Turunen, Matthew W. Leighty and Gunda I. Georg*



A systematic study of α -iodination and subsequent Suzuki–Miyaura couplings between non-attenuated enaminones and a wide range of aromatic boronic acids is reported. The microwave-assisted variant of this transformation furnished the products in significantly shorter reaction times and in slightly improved yields as compared to conventional heating.

Highly selective anti-Markovnikov addition of thiols to vinyl ethers under solvent- and catalyst-free conditions pp 8815–8818

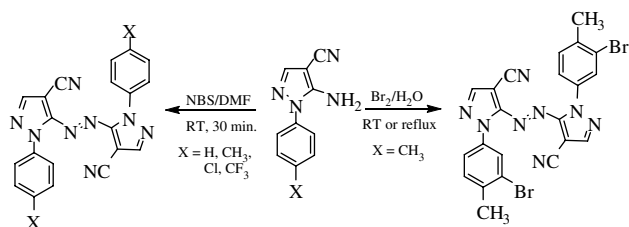
Feng-Wen Lou, Jian-Ming Xu, Bo-Kai Liu, Qi Wu, Qian Pan and Xian-Fu Lin*



A series of thiol ether containing oxygen atom have been prepared by a simple and efficient anti-Markovnikov addition of thiols to vinyl ethers under solvent- and catalyst-free conditions.

N-Bromosuccinimide assisted oxidation of 5-aminopyrazoles: formation of bis diazenylderivatives pp 8819–8822

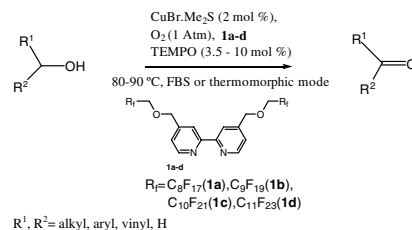
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Efficient, recoverable, copper-catalyzed aerobic oxidation of alcohols under FBS and thermomorphic mode pp 8823–8828

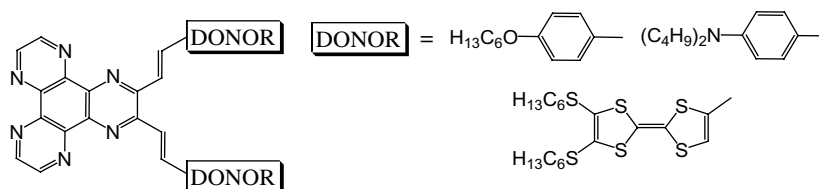
Norman Lu* and Yan-Chou Lin

The 3-component systems **3c–d**, CuBr·Me₂S/Bpy (**1c–d**)/2,2,6,6-tetramethylpiperidine 1-oxyl (TEMPO), were successfully used to the aerobic oxidation of alcohols with high yields (up to 8 runs) under the fluororous biphasic system (FBS). In order to avoid using the expensive fluororous solvents, the systems **3a–d** were also successfully shown to catalyze the aerobic alcohol oxidation under the thermomorphic mode. In particular, **3a** was most effective under the thermomorphic mode in the chemoselectivity of aerobic oxidation of aliphatic primary alcohols to aldehydes without any over-oxidized acids.



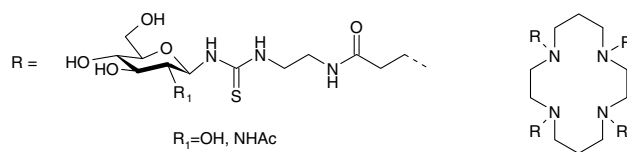
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Rafael Juárez, María M. Ramos and José L. Segura*



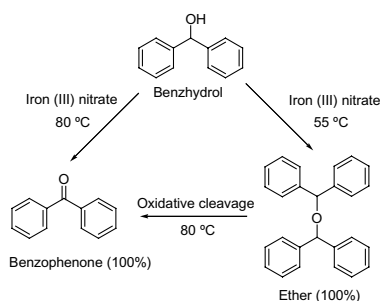
Carbohydration of 1,4,8,11-tetraazacyclotetradecane (cyclam): synthesis and binding properties toward concanavalin A pp 8834–8838

Holger Stephan,* Anika Röhrich, Steffi Noll, Jörg Steinbach, Ralf Kirchner and Jürgen Seidel


Expedient oxidation of alcohols to carbonyl compounds using iron(III) nitrate

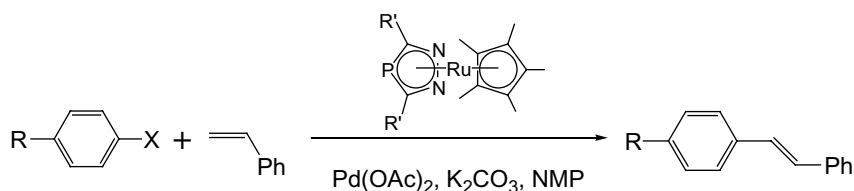
pp 8839–8842

Vasudevan V. Namboodiri, Vivek Polshettiwar and Rajender S. Varma*


Catalytic applications of 1,2,4-diazaphospholide-based ruthenium complexes in the Heck reaction

pp 8843–8845

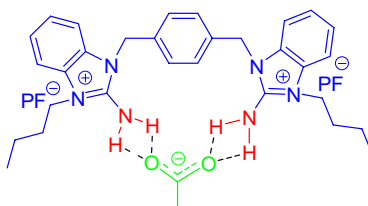
Jake Yorke, Li Wan, Aibing Xia* and Wenjun Zheng*


 Palladium-catalyzed Heck reaction was effected with two ruthenium complexes bearing unique heterocyclic 1,2,4-diazaphospholide ligands containing sp²-hybridized phosphorus atoms.

Benzimidazole-based ratiometric fluorescent receptor for selective recognition of acetate

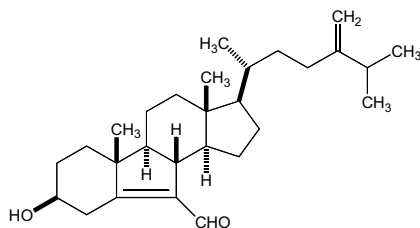
pp 8846–8850

Tae Young Joo, Narinder Singh, Gang Woo Lee and Doo Ok Jang*



Novel ring B abeo-sterols as growth inhibitors of *Mycobacterium tuberculosis* isolated from a Caribbean Sea sponge, *Svenzea zeai* pp 8851–8854

Xiaomei Wei, Abimael D. Rodríguez,* Yuehong Wang and Scott G. Franzblau

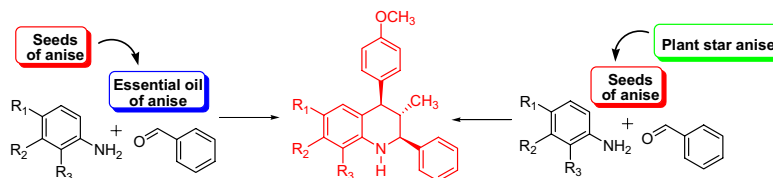


A chemical investigation on the hexane-soluble fractions from the crude extract of the marine sponge *Svenzea zeai* afforded two novel steroid derivatives with strong anti-tubercular properties.



Three-component imino Diels–Alder reaction with essential oil and seeds of anise: generation of new tetrahydroquinolines pp 8855–8860

Vladimir V. Kouznetsov,* Arnold R. Romero Bohórquez and Elena E. Stashenko

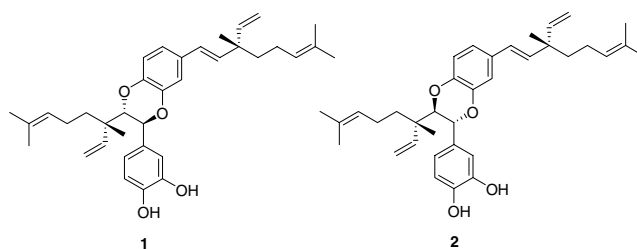


New substituted tetrahydroquinolines are reported and their direct preparation from the anise essential oil is described. Also, a simple procedure of the same tetrahydroquinolines from the anise seeds under supercritical fluid (CO₂) conditions has been reported.



Bisbakuchiols A and B, novel dimeric meroterpenoids from *Psoralea corylifolia* pp 8861–8864

Cheng-Zhu Wu, Xing Fu Cai, Nguyen Tien Dat, Seong Su Hong, Ah-Reum Han, Eun-Kyoung Seo, Bang Yeon Hwang, Ji-Xing Nan, Dongho Lee* and Jung Joon Lee

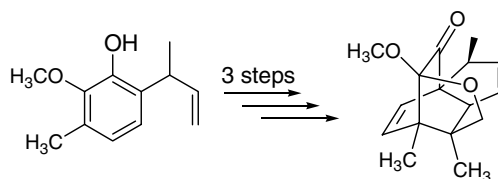


Two novel dimeric meroterpenoids, bisbakuchiols A and B, were isolated from the seeds of *Psoralea corylifolia*.

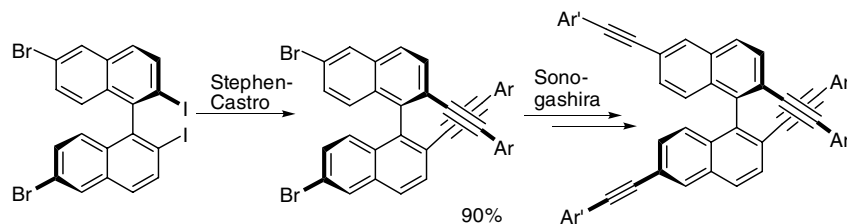


Towards the total synthesis of neurotrophically active tashironins: rapid construction of the tetracyclic core through a tandem oxidative dearomatization–IMDA reaction–RCM protocol pp 8865–8868

Goverdhan Mehta* and Pulakesh Maity



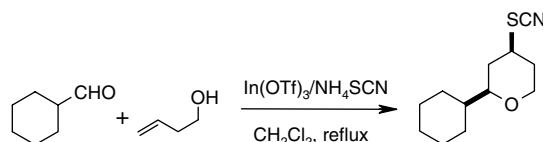
Potential 1,1'-binaphthyl NLO-phores with extended conjugation between positions 2 and 6, and 2' and 6' pp 8869–8873
 Michal Juríček, Peter Kasák, Marek Stach and Martin Putala*



Independent alkynylation of binaphthyl 6,6'-dibromo 2,2'-diiodide, firstly by selective Stephens–Castro alkynylation, followed by Sonogashira alkynylation, affords novel binaphthyl derivatives which are of interest for materials applications.

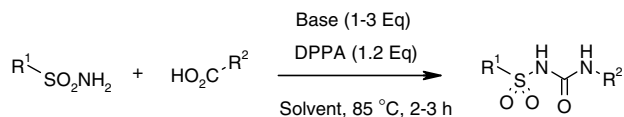


In(OTf)₃-catalyzed synthesis of 4-thiocyanotetrahydropyrans via a three-component reaction pp 8874–8877
 J. S. Yadav,* B. V. Subba Reddy, Tapas Maity and G. G. K. S. Narayana Kumar



A convenient synthesis of sulfonylureas from carboxylic acids and sulfonamides via an in situ Curtius rearrangement pp 8878–8882

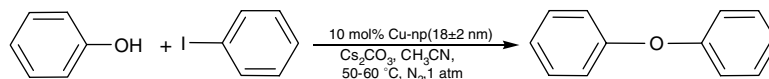
Christopher A. Luckhurst,* Ian Millichip, Beth Parker, James Reuberson and Mark Furber



This expedient synthesis of sulfonylureas from carboxylic acids and sulfonamides obviates the requirement to isolate isocyanates or similar intermediates. The methodology allows access to a wide variety of sulfonylureas that cannot be accessed conveniently by other means.

Cu-nanoparticle catalyzed O-arylation of phenols with aryl halides via Ullmann coupling pp 8883–8887

Mazaahir Kidwai,* Neeraj Kumar Mishra, Vikas Bansal, Ajeet Kumar and Subho Mozumdar

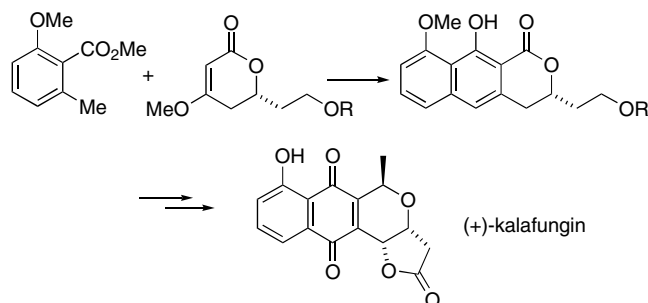


Recyclable Cu-nanoparticles provide an efficient, economic, and novel method for the synthesis of diaryl ethers via Ullmann type coupling.

Total synthesis of (+)-kalafungin using a tandem Michael–Dieckmann approach

pp 8888–8890

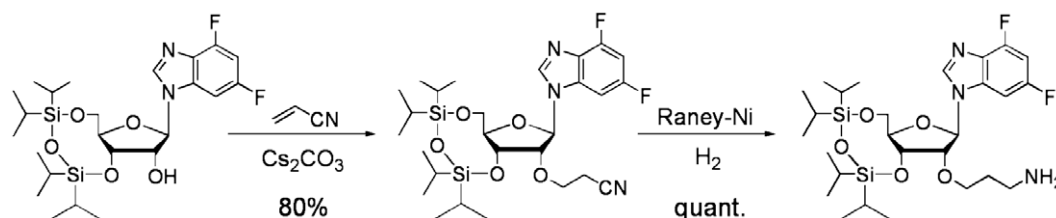
Christopher D. Donner



A novel entry to 2'-O-aminopropyl modified nucleosides amenable for further modifications

pp 8891–8894

Jens Haas and Joachim W. Engels*

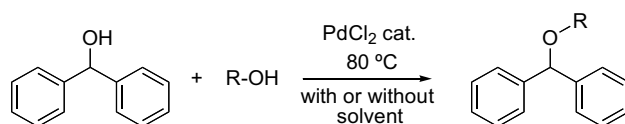


A high yield sequence of Michael addition and Raney-Ni-reduction for 2'-RNA-modification.

PdCl₂, a useful catalyst for protection of alcohols as diphenylmethyl (DPM) ethers

pp 8895–8899

Yann Bikard, Jean-Marc Weibel, Claude Sirlin, Luc Dupuis, Jean-Philippe Loeffler and Patrick Pale*

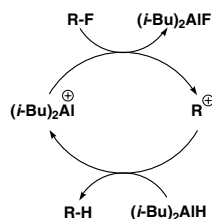


Primary, secondary, benzylic and allylic alcohols are efficiently converted to the corresponding diphenylmethyl ethers in the presence of catalytic amounts of PdCl₂.

Hydrodefluorination of non-activated C–F bonds by diisobutyl-aluminiumhydride via the aluminium cation [i-Bu₂Al]⁺

pp 8900–8903

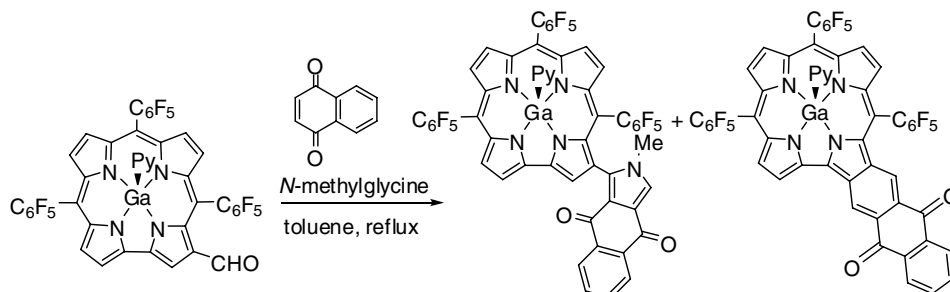
Marcus Klahn, Christine Fischer, Anke Spannenberg, Uwe Rosenthal* and Ingo Krossing



Novel quinone-fused corroles

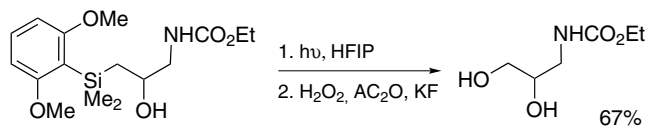
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Luís S. H. P. Vale, Joana F. B. Barata, Maria G. P. M. S. Neves, Maria A. F. Faustino, Augusto C. Tomé, Artur M. S. Silva, Filipe A. A. Paz and José A. S. Cavaleiro*

**Photolabile arylsilyl group: application to the oxidation of C–Si bonds**

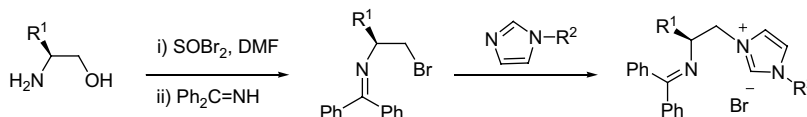
pp 8909–8913

Susen Werle, Frédéric Robert, Henri Bouas-Laurent and Yannick Landais*

**Synthesis of chiral iminoalkyl functionalised *N*-heterocyclic carbenes and their use in asymmetric catalysis**

pp 8914–8917

Mahboub Merzouk, Theo Moore and Neil A. Williams*



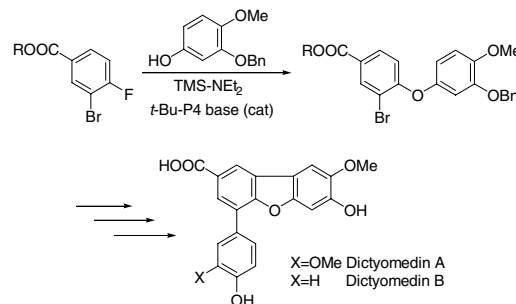
Chiral iminoalkyl *N*-heterocyclic carbenes were generated from imidazolium salts, which were prepared from chiral amino alcohols and substituted imidazoles.

**Synthesis of dictyomedins using phosphazene base catalyzed diaryl ether formation**

pp 8918–8921

Masaru Ebisawa, Masahiro Ueno, Yoshiteru Oshima and Yoshinori Kondo*

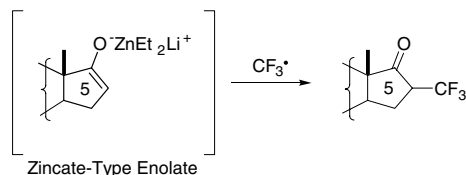
Dictyomedins isolated from dictyostelium cellular slime molds were synthesized by using phosphazene catalyzed diaryl ether formation as a key step.



Zincate-type enolate for radical α -trifluoromethylation

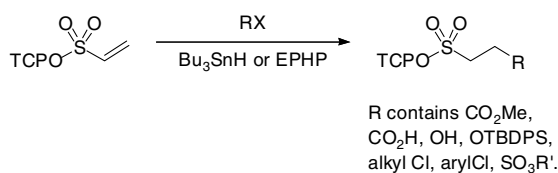
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Yuichi Tomita, Yoshiyuki Ichikawa, Yoshimitsu Itoh, Kosuke Kawada and Koichi Mikami*

**Tributyltin hydride and 1-ethylpiperidine hypophosphite mediated intermolecular radical additions to 2,4,6-trichlorophenyl vinyl sulfonate**

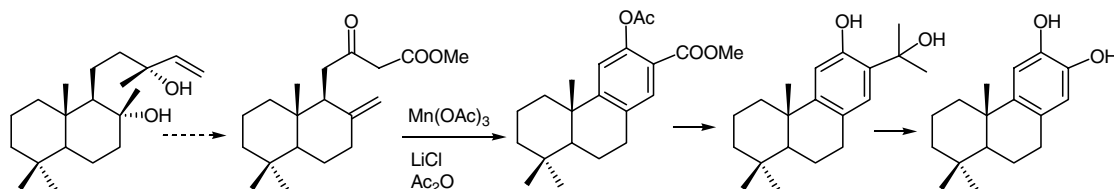
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Oluwabusola Edetanlen-Elliot, Richard J. Fitzmaurice, Jonathan D. Wilden and Stephen Caddick*

**Novel synthetic strategy toward abietane and podocarpane-type diterpenes from (–)-sclareol: synthesis of the antitumor (+)-7-deoxynimbidiol**

pp 8930–8934

Enrique Alvarez-Manzaneda,* Rachid Chahboun, Eduardo Cabrera, Esteban Alvarez, Ramón Alvarez-Manzaneda, Mohammed Hmamouchi and Hakima Es-Samti



*Corresponding author

Supplementary data available via ScienceDirect

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