



Tetrahedron Vol. 65, No. 2, 2009

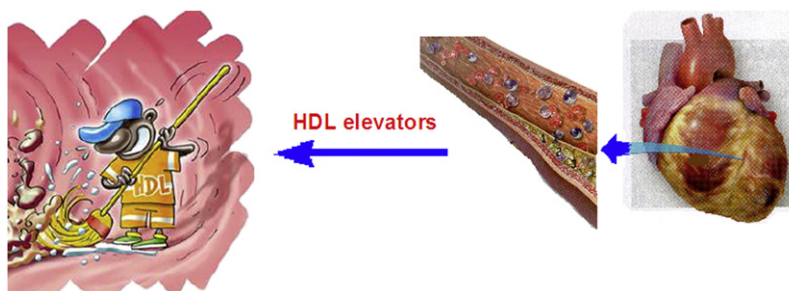
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REPORT

HDL Therapeutics for the treatment of atherosclerosis: a brief overview of the synthetic approaches

pp 433–447

Manojit Pal

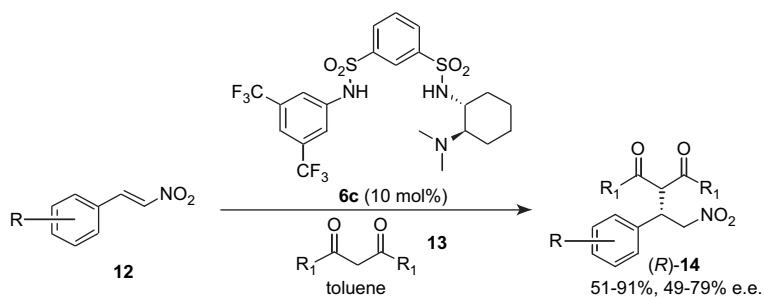


ARTICLES

Novel bifunctional sulfonamides catalyze an enantioselective conjugate addition

pp 449–455

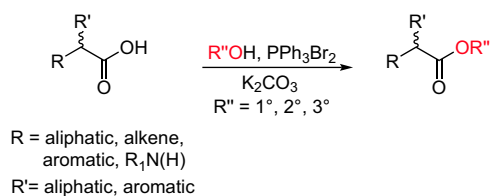
Patrick G. McGarraugh, Stacey E. Brenner*



Triphenylphosphine dibromide: a simple one-pot esterification reagent

pp 456–460

Christophe Salomé, Harold Kohn*

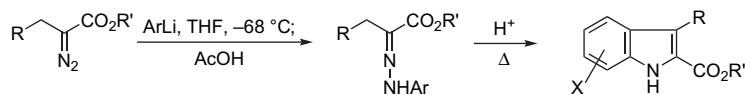


We report a one-pot, expedient protocol for the conversion of carboxylic acids to their esters in moderate-to-high yields using PPh_3Br_2 . For chiral acids, the reaction proceeded with little or no racemization.

**Novel method for synthesis of aryl hydrazones from α -diazo esters: scope and limitations of nucleophiles**

pp 461–468

Eiko Yasui, Masao Wada, Norio Takamura*

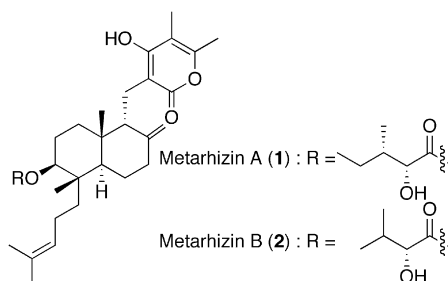


Aryl hydrazones were easily obtained by nucleophilic addition of lithium reagents or Grignard reagent and were converted into indoles in good yields.

New diterpene pyrone-type compounds, metarhizins A and B, isolated from entomopathogenic fungus, *Metarhizium flavoviride* and their inhibitory effects on cellular proliferation

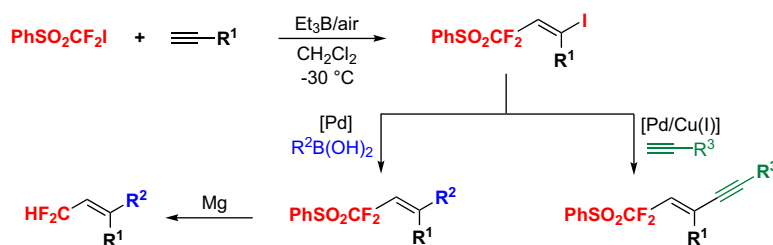
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Haruhisa Kikuchi*, Tomoko Hoshi, Minoru Kitayama, Mizuki Sekiya, Yasuhiro Katou, Kazunori Ueda, Yuzuru Kubohara, Hiroki Sato, Mitsuaki Shimazu, Shoichiro Kurata, Yoshiteru Oshima*

**Free radical (phenylsulfonyl)difluoromethylation of alkynes with $\text{PhSO}_2\text{CF}_2\text{I}$ reagent: stereoselective preparation of PhSO_2CF_2 - and CF_2H -substituted alkenes**

pp 478–483

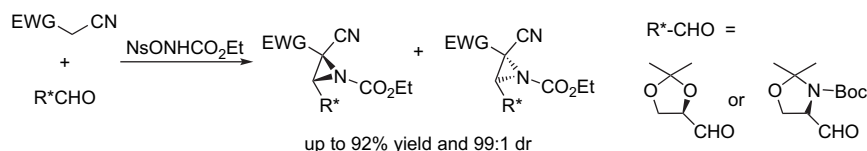
Ya Li, Huaifeng Li, Jinbo Hu*



One-pot synthesis of chiral multifunctionalized aziridines

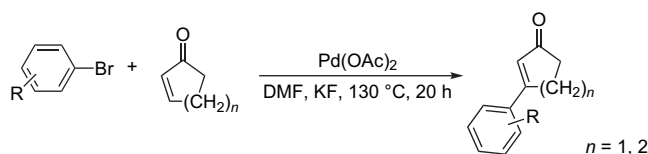
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Stefania Fioravanti*, Sara Morea, Alberto Morreale, Lucio Pellacani*, Paolo A. Tardella*

**Selective Heck reaction of aryl bromides with cyclopent-2-en-1-one or cyclohex-2-en-1-one**

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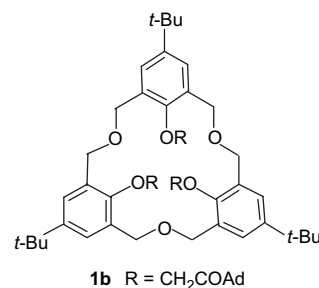
Yacoub Fall, Henri Doucet*, Maurice Santelli*

**Synthesis, binding properties and theoretical studies of *p*-*tert*-butylhexahomotrioxacalix[3]arene tri(adamantyl)ketone with alkali, alkaline earth, transition, heavy metal and lanthanide cations**

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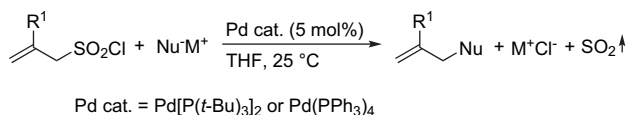
Paula M. Marcos*, José R. Ascenso, Manuel A.P. Segurado, Raul J. Bernardino, Peter J. Cragg

A new hexahomotrioxacalix[3]arene triketone (**1b**) was synthesized and isolated in a cone conformation in solution at room temperature, as established by NMR (1H and ^{13}C). The binding properties of **1b** towards alkali, alkaline earth, transition, heavy metal and lanthanide cations have been assessed by phase transfer and proton NMR titrations. Molecular mechanics and ab initio techniques were also performed.

**Palladium-catalyzed desulfinylative C–C allylation of Grignard reagents and enolates using allylsulfonyl chlorides and esters**

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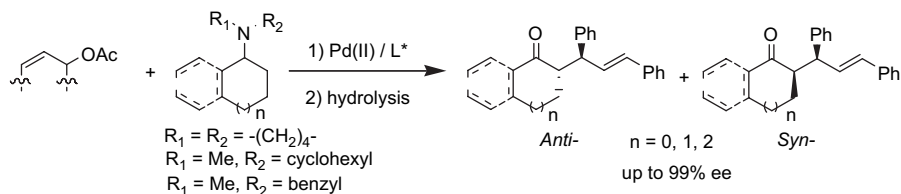
Chandra M. Rao Volla, Srinivas Reddy Dubbaka, Pierre Vogel*



Enamines: efficient nucleophiles for the palladium-catalyzed asymmetric allylic alkylation

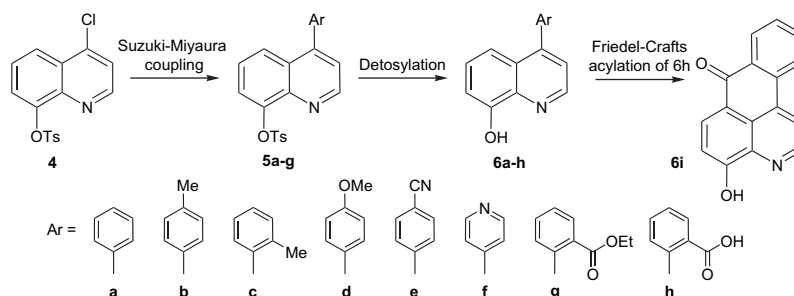
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Xiaohu Zhao, Delong Liu, Fang Xie, Wanbin Zhang*

**4-Aryl-8-hydroxyquinolines from 4-chloro-8-tosyloxyquinoline using a Suzuki–Miyaura cross-coupling approach**

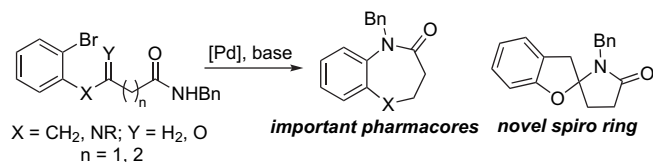
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Juha P. Heiskanen, Osmo E.O. Hormi*

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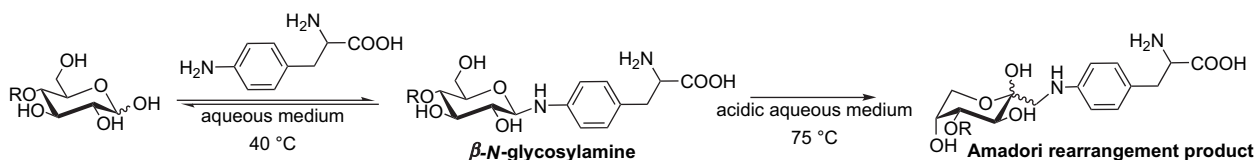
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Emma L. Cropper, Aui-Ping Yuen, Agnes Ford, Andrew J.P. White, King Kuok (Mimi) Hii*

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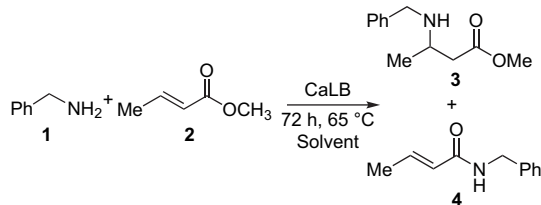
Nicolas Bridiau, Sandrine Cabanel, Thierry Maugard*



Solvent engineering: an effective tool to direct chemoselectivity in a lipase-catalyzed Michael addition

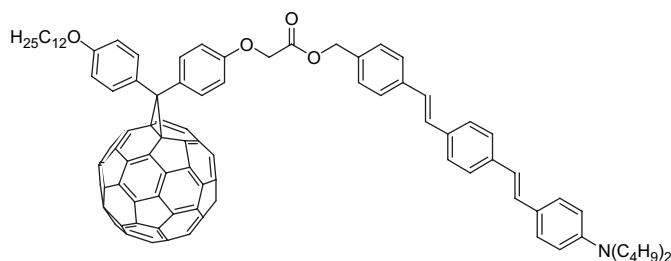
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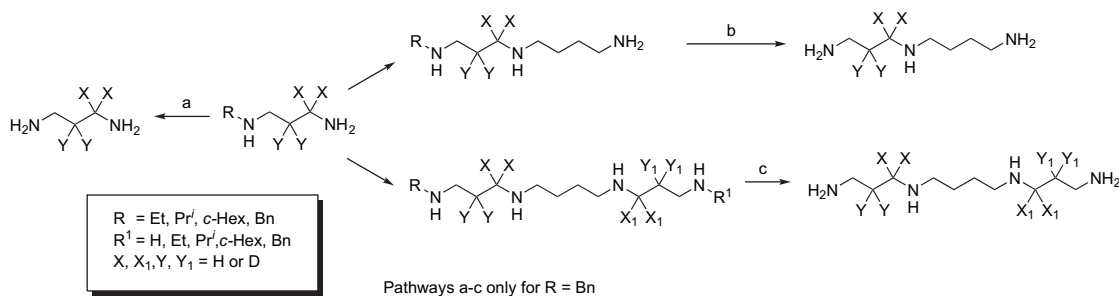
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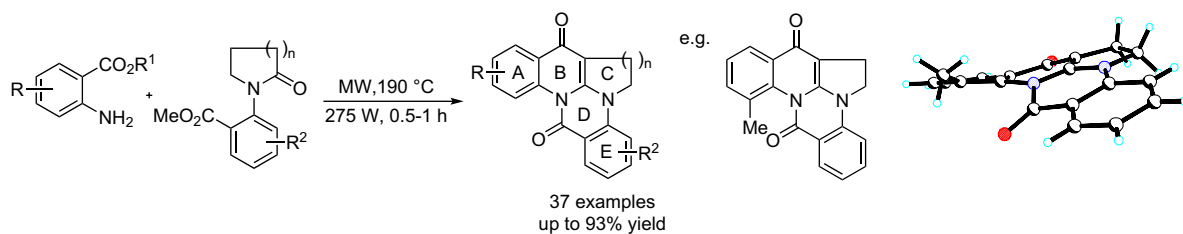
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*Corresponding author

 Supplementary data available via ScienceDirect

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ISSN 0040-4020