

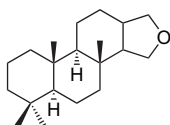
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Miguel A. González

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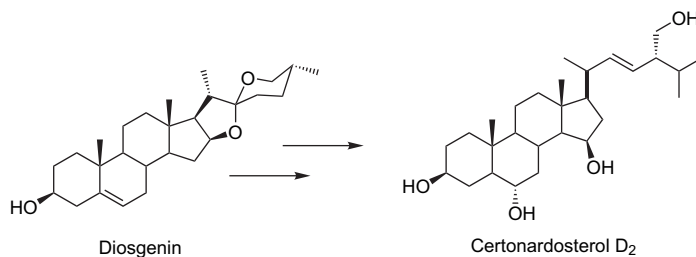


ARTICLES

The convergent synthesis of novel cytotoxic certonardosterol D₂ from diosgenin

Biao Jiang*, He-ping Shi, Wei-sheng Tian, Wei-shan Zhou

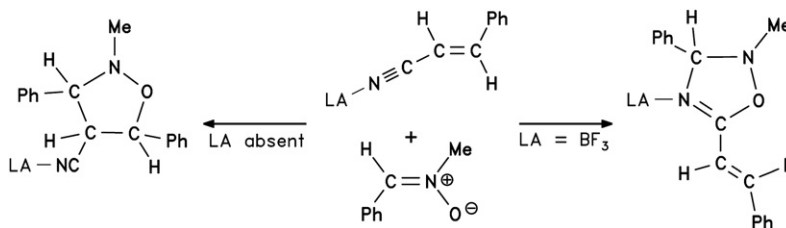
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Theoretical study of the cycloaddition of nitrones to cinnamitrile: effect of Lewis acid coordination on the selectivity of the reaction

Gabriele Wagner*, Timothy N. Danks, Bimbisar Desai

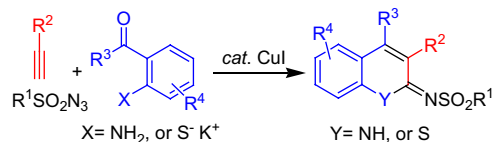
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Efficient synthesis of 2-imino-1,2-dihydroquinolines and 2-imino-thiochromenes via copper-catalyzed domino reaction

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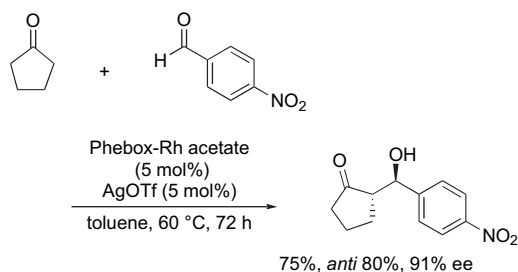
Sun-Liang Cui, Jing Wang, Yan-Guang Wang*



Chiral Phebox–rhodium complexes as catalysts for asymmetric direct aldol reaction

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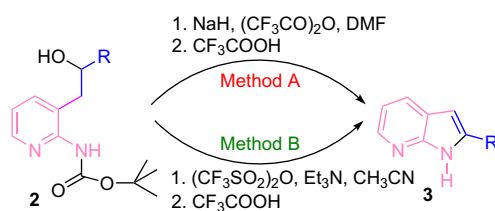
Hiroko Inoue, Makoto Kikuchi, Jun-ichi Ito, Hisao Nishiyama*



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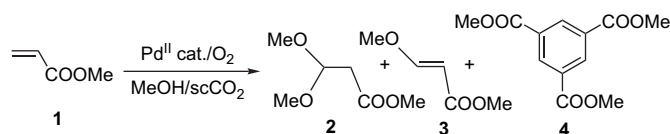
Javier Parcerisa, Manel Romero, Maria Dolors Pujol*



Palladium-catalyzed aerobic oxidation of terminal olefins with electron-withdrawing groups in scCO₂

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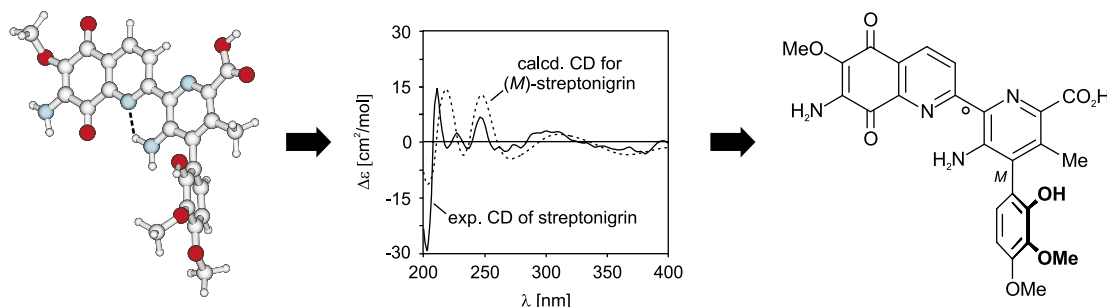
Huan-Feng Jiang*, Yan-Xia Shen, Zhao-Yang Wang



The absolute configuration of streptonigrin

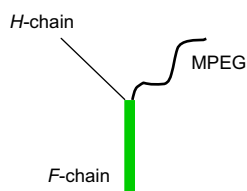
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Gerhard Bringmann*, Matthias Reichert, Yasmin Hemberger

**Synthesis of triphilic, Y-shaped molecular surfactants**

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Margarita Sanchez-Dominguez, Nicole Benoit, Marie Pierre Krafft*

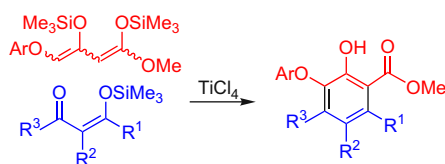


A series of three armed, Y-shaped molecules comprising a hydrophilic methyl-caped poly(ethylene glycol), a lipophilic hydrocarbon arm, and a hydrophobic and lipophobic fluorocarbon arm, all grafted onto the same double bond, have been synthesized.

Regioselective synthesis of sterically encumbered diaryl ethers based on one-pot cyclizations of 4-aryloxy-1,3-bis(trimethylsilyloxy)-1,3-dienes

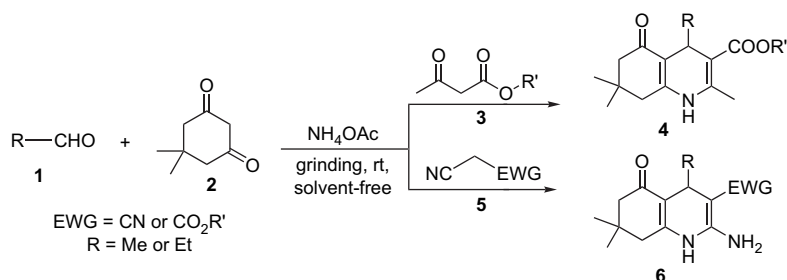
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**An efficient, catalyst- and solvent-free, four-component, and one-pot synthesis of polyhydroquinolines on grinding**

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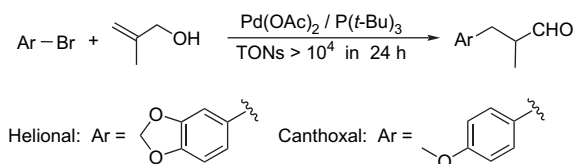
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Arylation of β -methallyl alcohol catalyzed by $\text{Pd}(\text{OAc})_2$ in combination with $\text{P}(t\text{-Bu})_3$: application to fragrance synthesis

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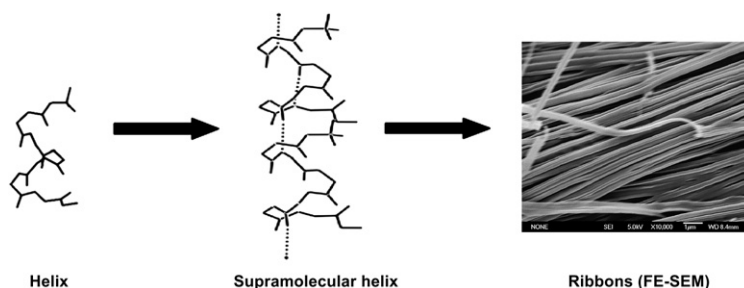
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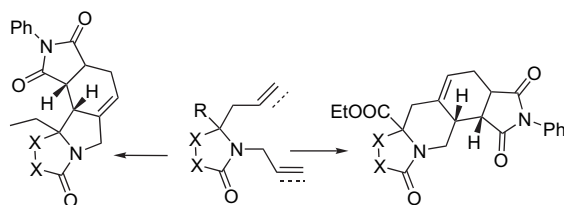
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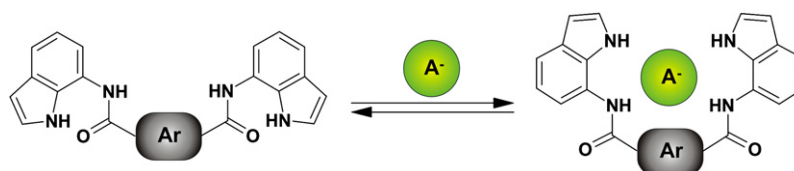
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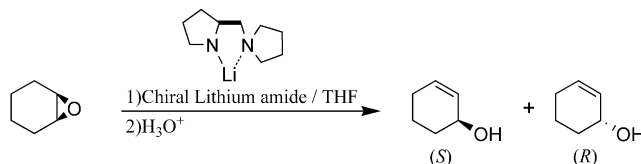
Tomasz Zieliński, Paweł Dydio, Janusz Jurczak*



MM3 force field prediction of the enantioselective preference in the asymmetric synthesis of a chiral 2-cyclohexen-1-ol using a chiral lithium amide reagent

pp 575–581

Hayato Hoshino, Masatoshi Asami, Kazuhisa Sakakibara*, Jenn-Huei Lii, Norman L. Allinger

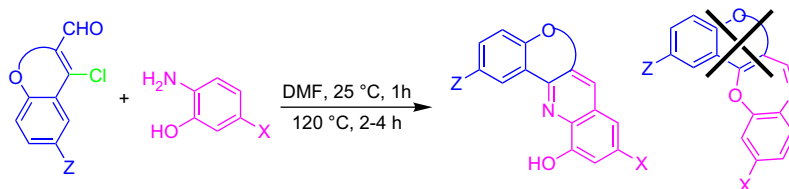


Theoretical prediction of the enantioselective preference in the asymmetric synthesis can be carried out by using the MM3 force field calculations.

Revisiting the reaction of β -chloroacroleins with 2-aminophenol: a new observation

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Rabin Bera, G. Dhananjaya, Shambu Nath Singh, B. Ramu, Sai Uday Kiran, P. Rajender Kumar, K. Mukkanti, Manojit Pal*



*Corresponding author

i+ Supplementary data available via ScienceDirect

COVER

Schematic representation of a star-shaped surfactant bearing three arms with antagonist affinities grafted onto the same double bond. The perfluorinated arm is hydrophobic and lipophobic, the MPEG arm is lipophobic and fluorophobic and the hydrocarbon arm is hydrophobic and fluorophobic. This ‘triphilic’ molecular design is expected to generate new nanocompartimented self-assemblies. *Tetrahedron* **2008**, *64*, 522–528.

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