

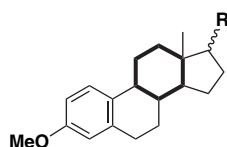
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REPORT

Ring C closure as key step in the synthesis of steroids

Florence C. E. Sarabèr and Aede de Groot*

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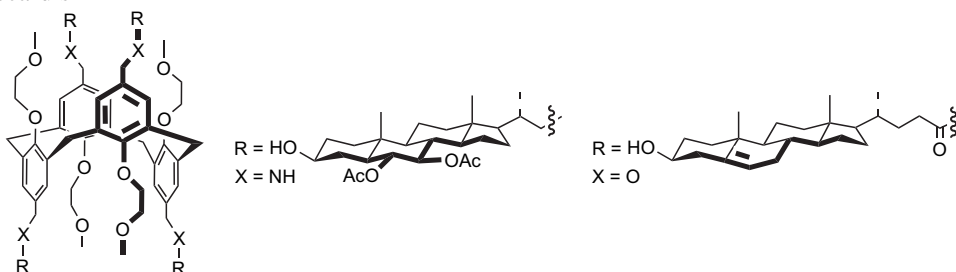
Steroid syntheses using Torgov syntheses, Michael additions and cyclisations, aldol cyclisation, polyene cyclisations, Friedel–Crafts cyclisations, Wittig reactions, McMurray reactions, Dieckmann cyclisation, Diels–Alder cyclisations, electrocyclisations, radical cyclisation and Mukaiyama chemistry for the construction of ring C are reviewed. The report contains 170 references.

ARTICLES

On the importance of the pore inner cavity for the ionophoric activity of 1,3-*alternate* calix[4]arene/ steroid conjugates

Irene Izzo,* Nakia Maulucci, Cristina Martone, Agostino Casapullo, Lidia Fanfoni, Paolo Tecilla and Francesco De Riccardis

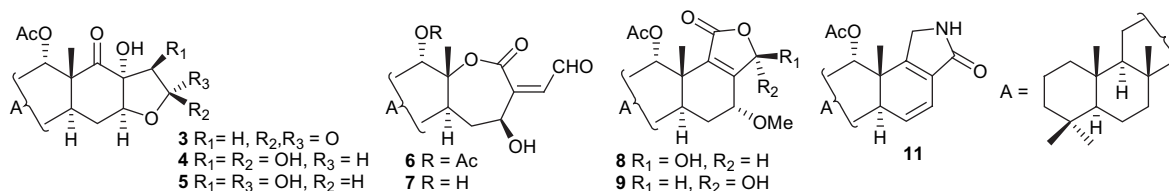
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Claudia J. Hernández-Guerrero, Eva Zubía,* María J. Ortega and J. Luis Carballo

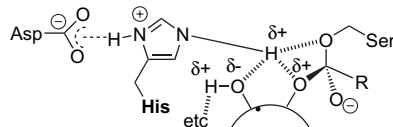
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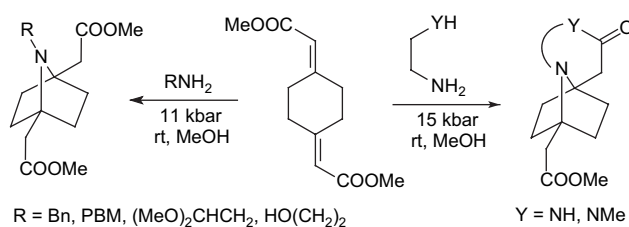
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Nuria Armesto, Susana Fernández, Miguel Ferrero and Vicente Gotor*


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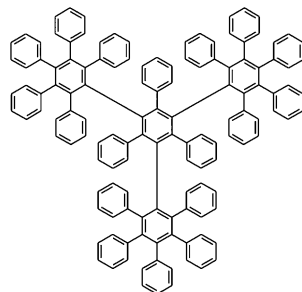
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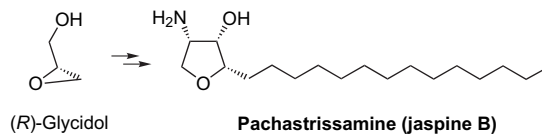
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Daniel Wasserfallen, Gunter Mattersteig, Volker Enkelmann and Klaus Müllen*


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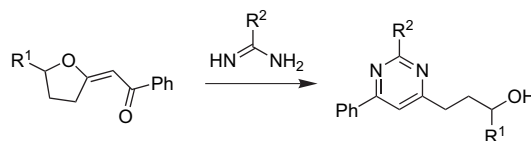
Celia Ribes, Eva Falomir,* Miguel Carda and J. A. Marco*



Synthesis of 4-(3-hydroxyalkyl)pyrimidines by ring transformation reactions of 2-alkylidene-tetrahydrofurans with amidines

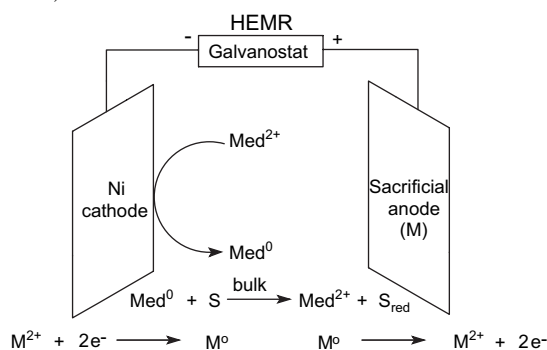
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Esen Bellur and Peter Langer*


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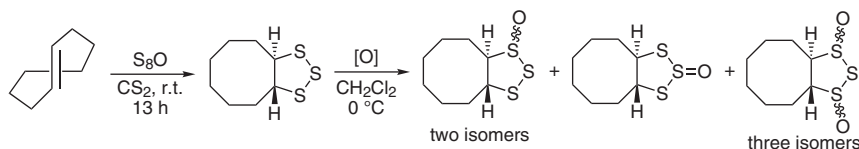
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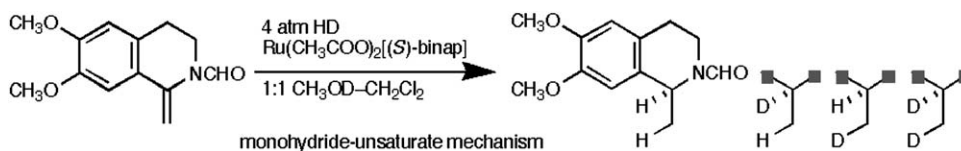
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Akihiko Ishii,* Manami Suzuki and Remi Yamashita


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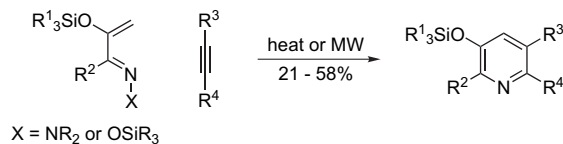
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Synthesis of highly-functionalised pyridines via hetero-Diels–Alder methodology: reaction of 3-siloxy-1-aza-1,3-butadienes with electron deficient acetylenes

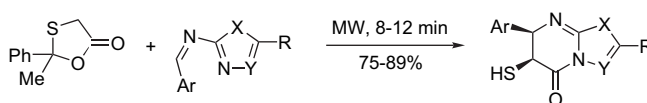
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Novel mercaptoacetylativ expeditious annulation of 5-mercaptopyrimidine ring on azoles using 1,3-oxathiolan-5-one

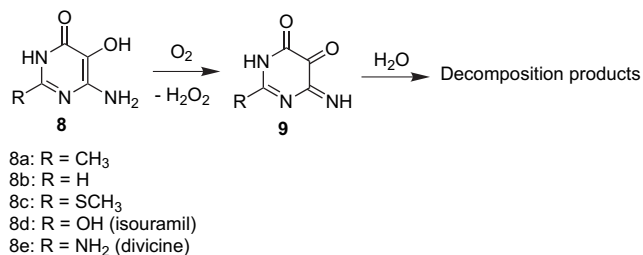
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An autoxidation study of C2 substituted pyrimidine amino reductones

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Rachel Ta-Shma, Avital Torres, Mordechai Chevion, Eli Breuer, Abed Al Aziz Quntar, Claes D. Enk and Morris Srebnik*



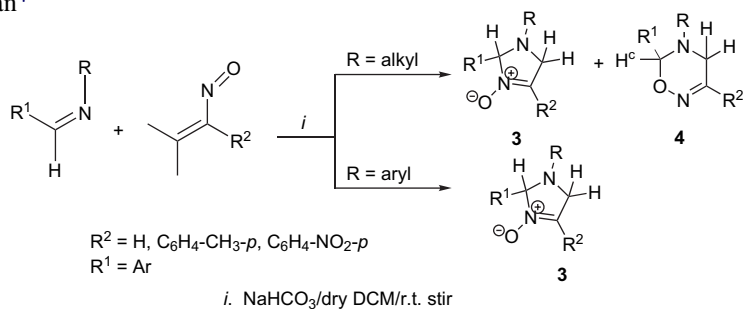
The rates of autoxidation of C2 substituted 5-hydroxy-6-aminopyrimidines were investigated and correlated with Hammett σ_p^+ .

An in-depth analysis of the effect of substituents on imines in cycloaddition reactions with nitrosoalkenes

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Alka Marwaha, Parvesh Singh and Mohinder P. Mahajan*

The effect of substituents on nitrogen of simple acyclic imines in their cycloaddition reactions with nitrosoalkenes supported by theoretical calculations is reported. The effect of substituents on carbon of imines has also been examined to broaden the scope of these reactions. The reactions of various simple as well as functionalized imines with nitrosoalkenes have been explored profoundly.

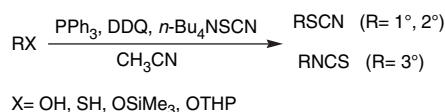


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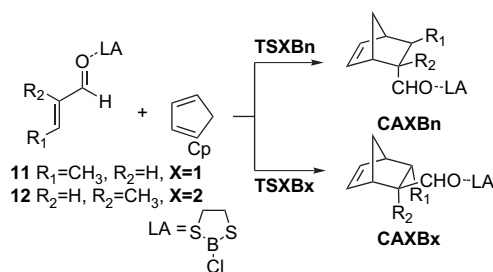
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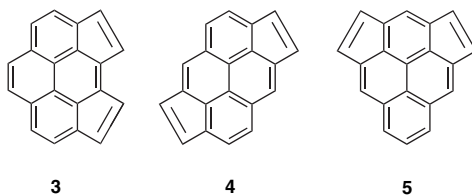
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C. N. Alves,* A. S. Carneiro, J. Andrés* and L. R. Domingo*



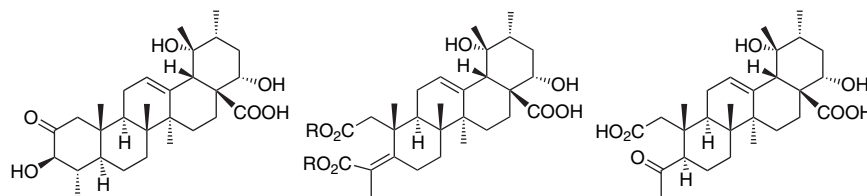
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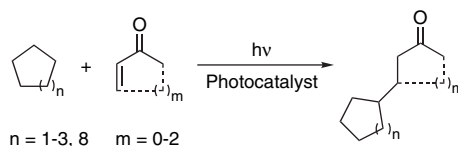
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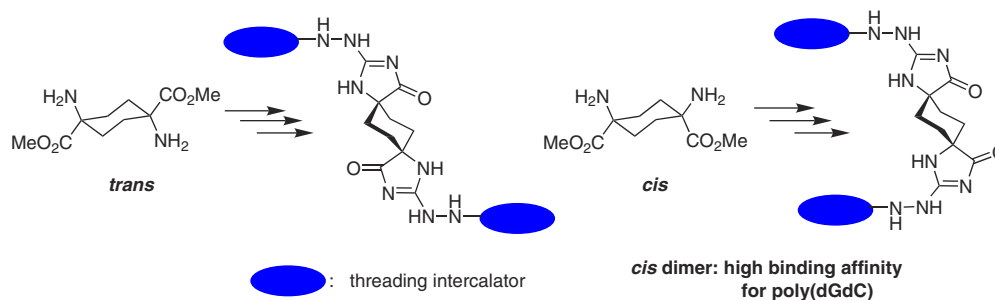
Daniele Dondi, Anna Maria Cardarelli, Maurizio Fagnoni* and Angelo Albini*



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Yongjun Chu, Vincent Lynch and Brent L. Iverson*




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*Corresponding author

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