

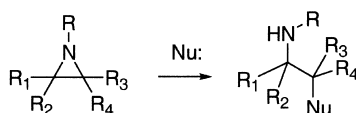
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REPORT

Nucleophilic ring opening of aziridines

X. Eric Hu

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This review presents recent progress in nucleophilic ring opening aziridines. There are 165 references included in this article.

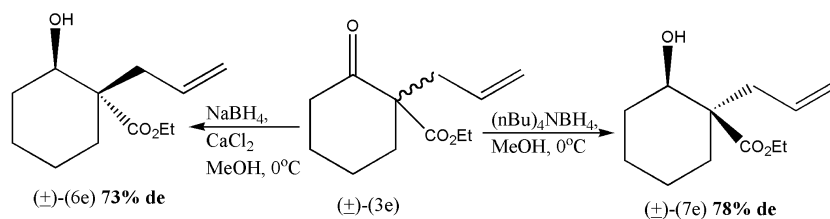
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The reductive profile of functionalized cyclohexanone derivatives

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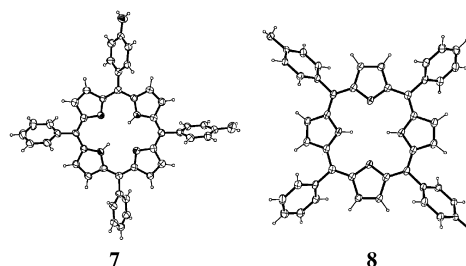


Synthesis and reactions of *meso*-(*p*-nitrophenyl)porphyrins

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Raymond Luguay, Laurent Jaquinod, Frank R. Fronczek, M. Graça H. Vicente\* and Kevin M. Smith\*

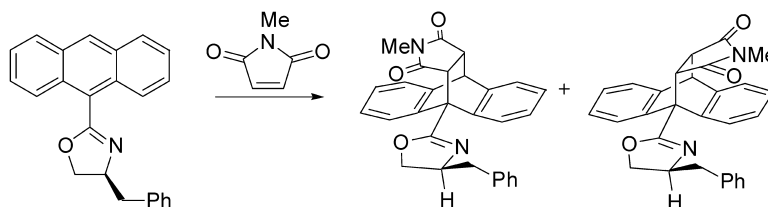
New mild methods for regioselective *para*-nitration of 5,10,15,20-tetra-arylporphyrins are reported; use of variable amounts of NaNO<sub>2</sub>/TFA permits the isolation of mono-, di-, and tri-nitrophenyl derivatives. Reduction affords the corresponding aminoporphyrins, for example, bis-(4-aminophenyl)porphyrins **7** and **8**.



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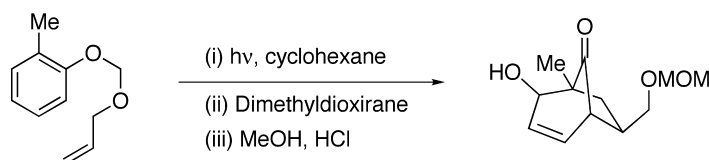
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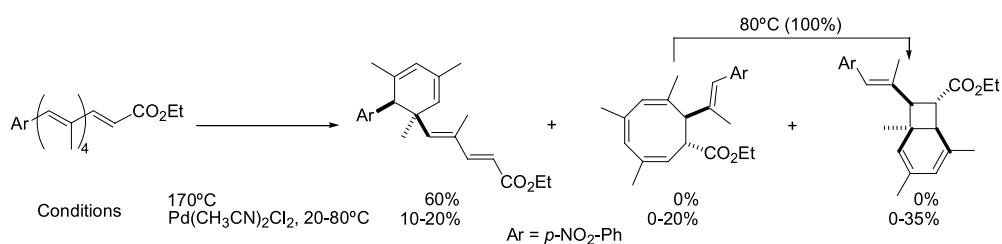
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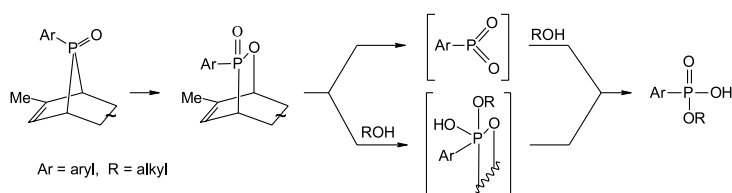
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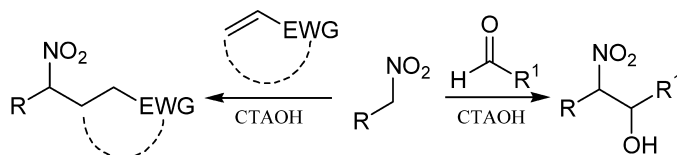
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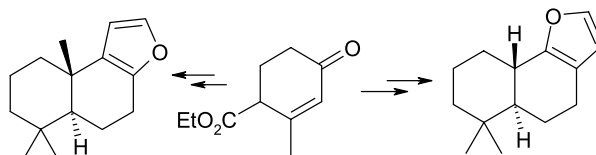
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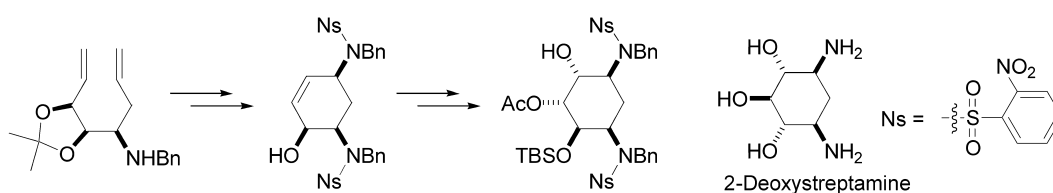
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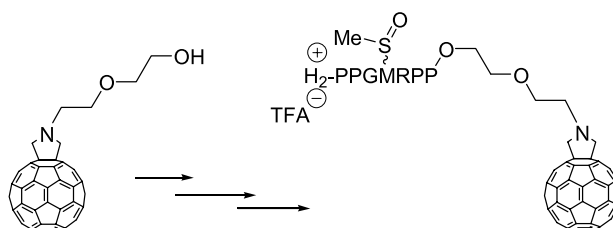
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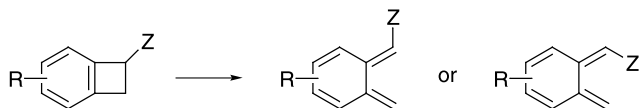
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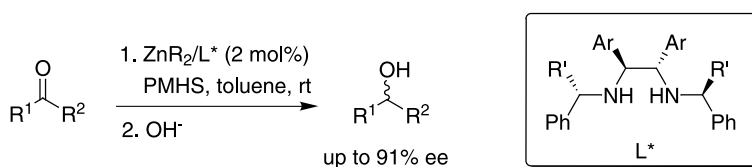
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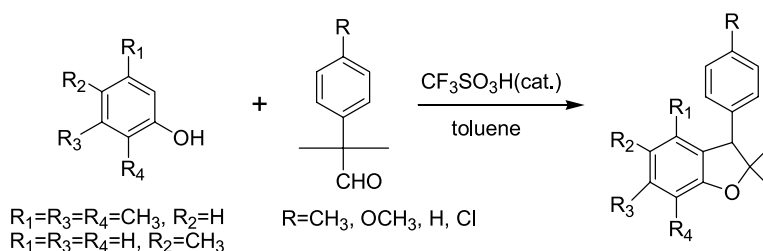
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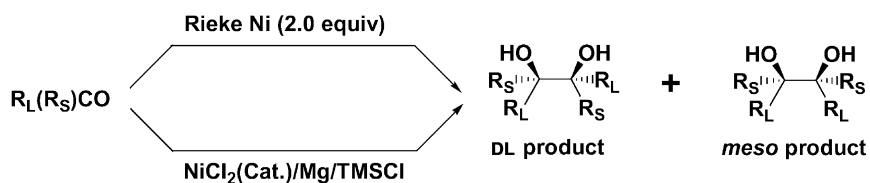
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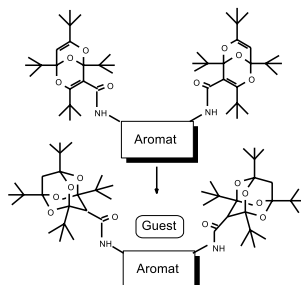
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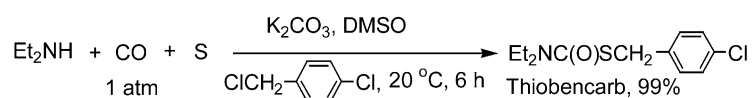
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Werner Heilmayer, Ralf Smounig, Karl Gruber, Walter M. F. Fabian, Claudia Reidlinger, C. Oliver Kappe, Curt Wentrup and Gert Kollenz\*

**Practical synthesis of *S*-alkyl thiocarbamate herbicides by carbonylation of amines with carbon monoxide and sulfur**

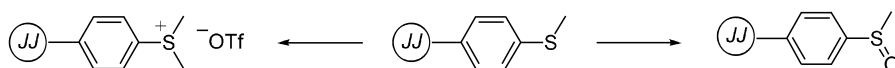
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Takumi Mizuno,\* Toshiyuki Iwai and Takatoshi Ito

An industrially synthetic method of *S*-alkyl thiocarbamate herbicides was developed.**Polymer-supported thioanisole: a versatile platform for organic synthesis reagents**

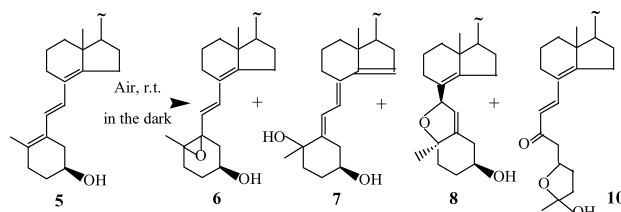
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Matthew Kwok Wai Choi and Patrick H. Toy\*

**Autoxidation of isotachysterol**

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Xiaoling Jin, Xinping Yang, Li Yang,\* Zhong-Li Liu\* and Fa Zhang

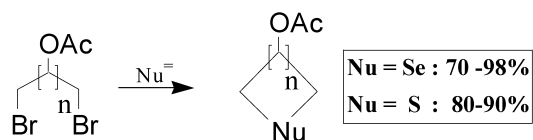


Isotachysterol, the acid-catalyzed isomerization product of vitamin D<sub>3</sub>, produces seven previously unknown oxygenation products in a self-initiated autoxidation reaction under atmospheric oxygen in the dark at ambient temperature. The formation of these products is explained in terms of free radical peroxidation chemistry.

**Expedient synthesis of polyhydroxylated seleno and thia-heterocycles via Se and S-ring closure of  $\alpha,\omega$ -dibromoaldehydes**

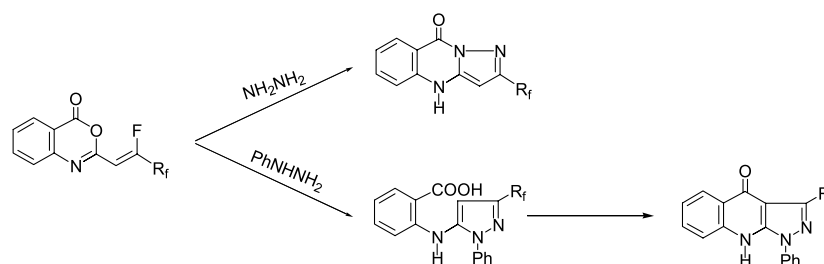
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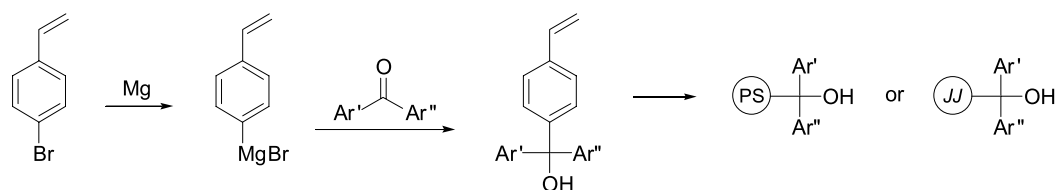
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Xian-Jin Yang, Jin-Tao Liu\* and He-Jun Lu


**An improved and general synthesis of monomers for incorporating trityl linker groups into polystyrene synthesis supports**

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Matthew Kwok Wai Choi and Patrick H. Toy\*




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\*Corresponding author

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