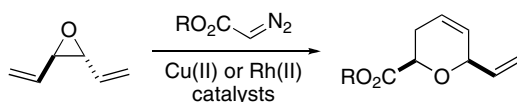


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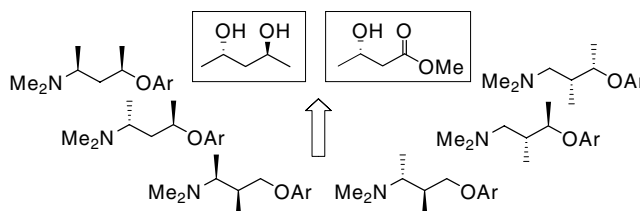
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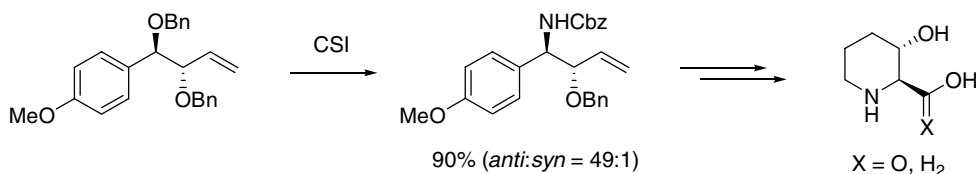
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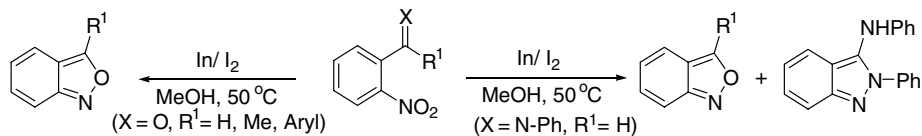
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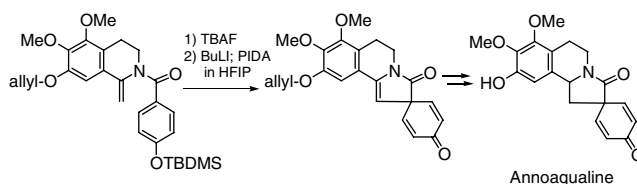


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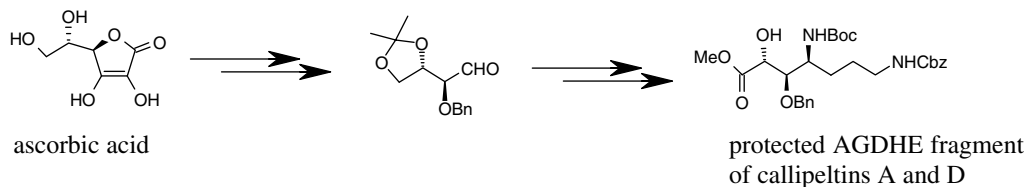
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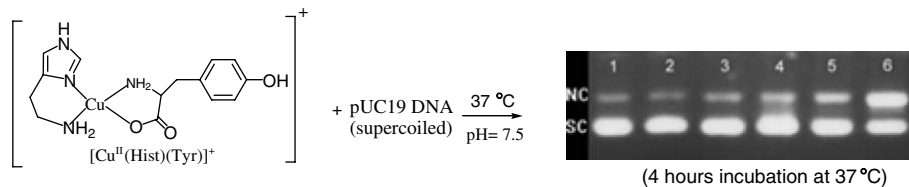
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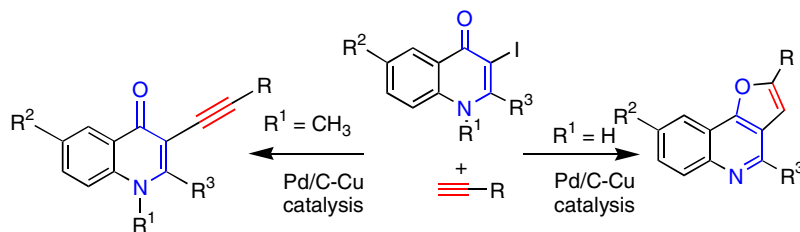
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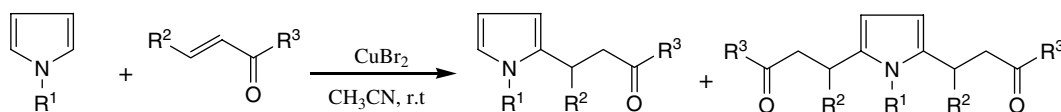
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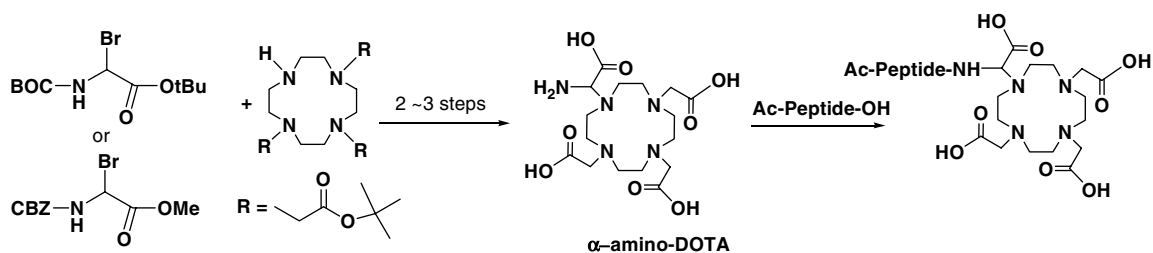


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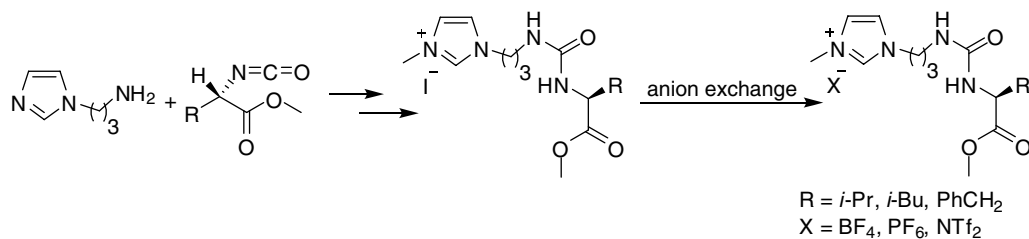
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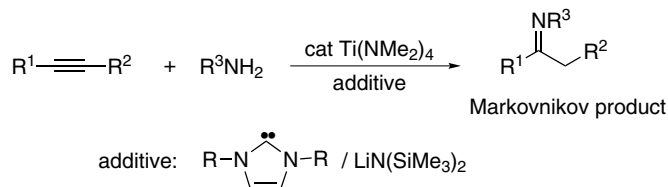
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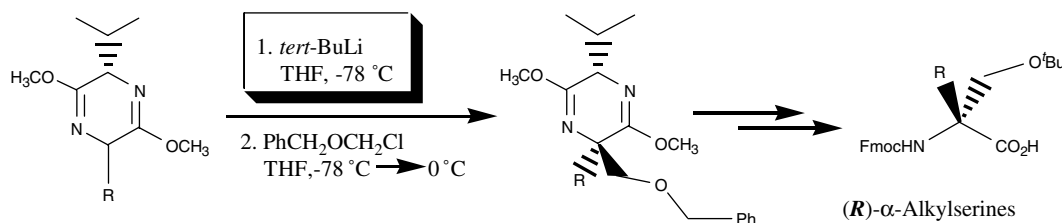
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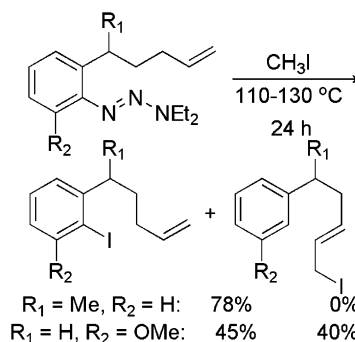
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***ortho* Substituent effect on a 1,5-H shift reaction during thermal decomposition of aryltriazenes**

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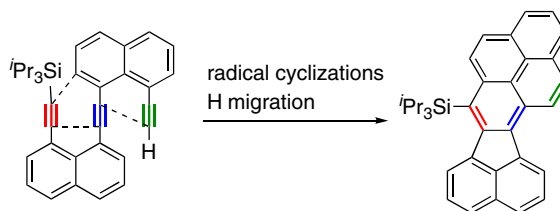
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An *ortho* substituent group has a significant effect on thermal decomposition of aryltriazenes. When the *ortho* methoxy-substituted phenyltriazenes were treated with methyl iodide at 110–130 °C, 1,5-H shift products were obtained in fair to moderate yields.


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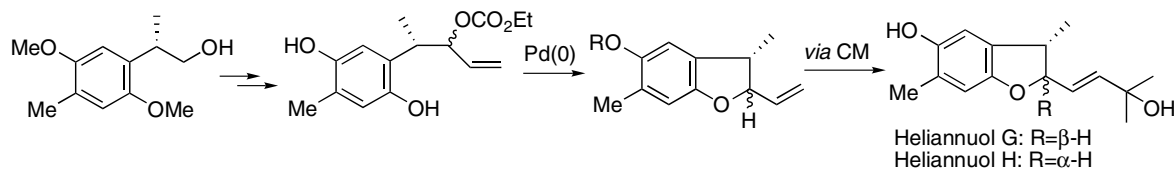
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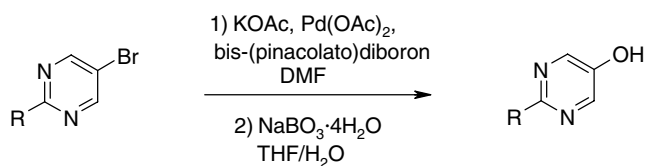
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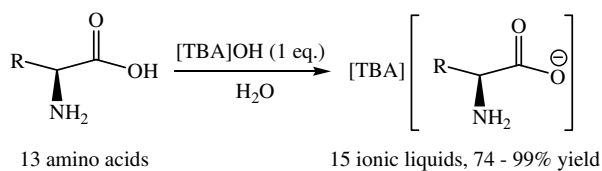


5-Bromopyrimidines are converted to 5-hydroxypyrimidines using a mild synthetic procedure. The method is general and can be applied to compounds containing functional groups which are not compatible with the other reagents previously available for this conversion.

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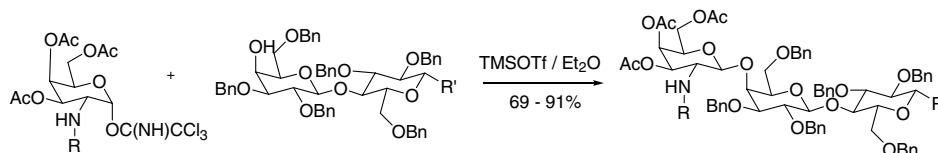
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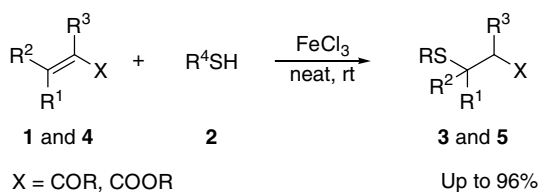
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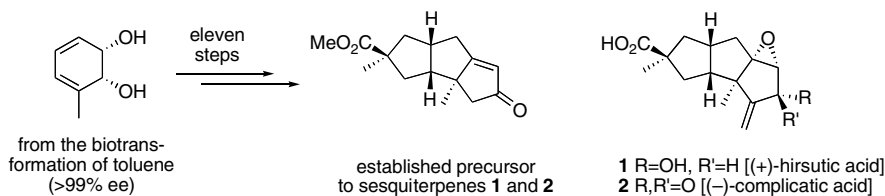
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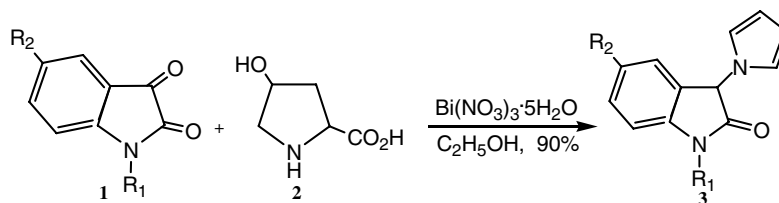
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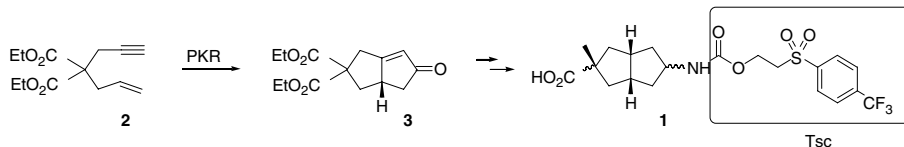
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ϵ -Amino acids based on bicyclic skeleton: bicyclo[3.3.0]octane-5-amino-1-carboxylic acids

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Sung Jin Yeo, Kyung Seok Jeong, Hogyu Han, Jaheon Kim and Nakcheol Jeong*



Tsc-protected ϵ -amino acids, bicyclo[3.3.0]octane-5-amino-1-carboxylic acids (**1**), are prepared from 4,4-diethylcarboxylic bicyclo[3.3.0]oct-2-enone (**3**), which is available in bulk from **2** through the catalytic Pauson-Khand reaction.

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*Corresponding author

Supplementary data available via ScienceDirect

COVER

The first total synthesis of (\pm)-annosqualine, a novel isoquinoline alkaloid with an unprecedented skeleton bearing a spirocyclohexadienone function, has been achieved in short-steps. Key steps include a spirocyclization via enamine–phenol coupling of a 1-methylene-1,2,3,4-tetrahydroisoquinoline derivative with iodobenzene diacetate, and sodium borohydride reduction of the intermediate in hexafluoroisopropanol. This reaction provides a new methodology to synthesize spirohexadienone compounds under mild conditions. *Tetrahedron Letters* **2006**, *47*, 7301–7306.

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