

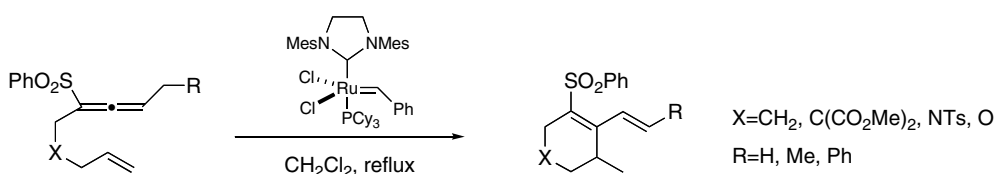
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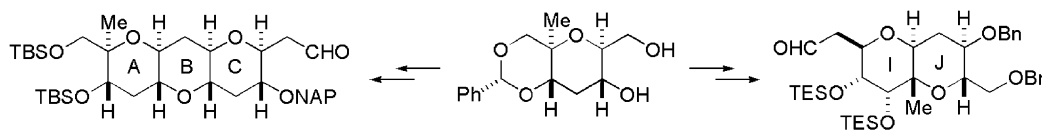
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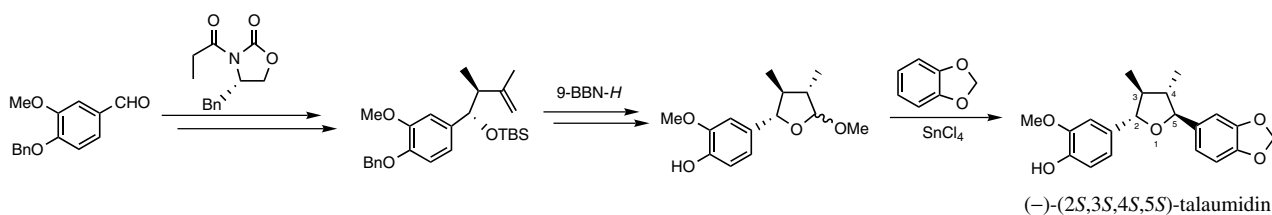
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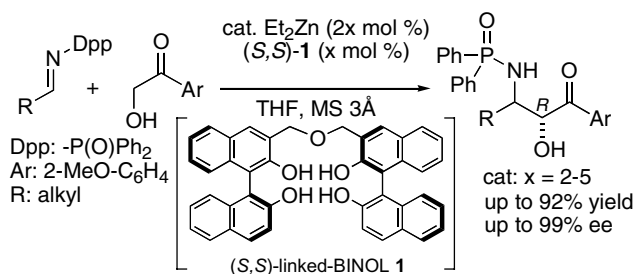
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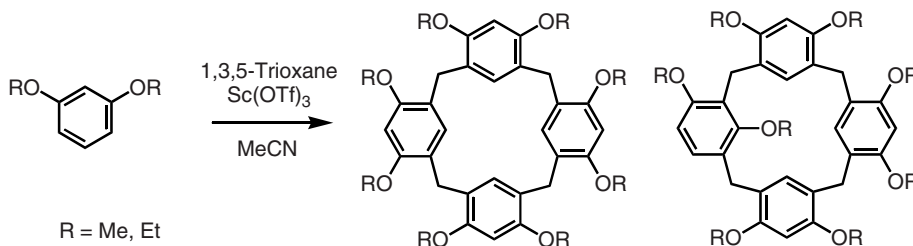
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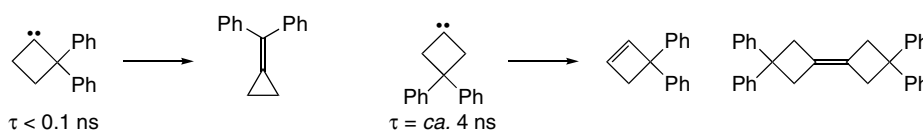
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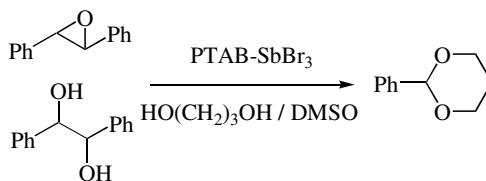
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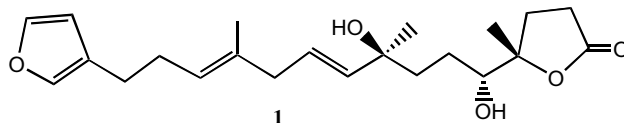
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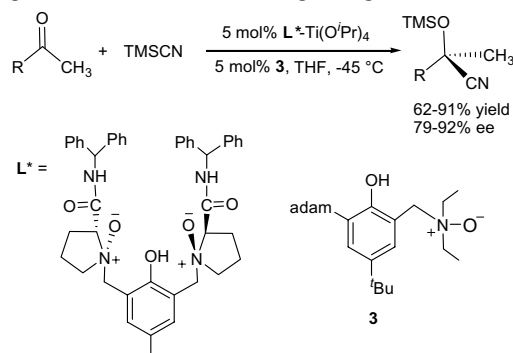


Four novel C<sub>22</sub>-sesterterpenes, irciformonins A–D (1–4), have been isolated from the marine sponge *Ircinia formosana*.

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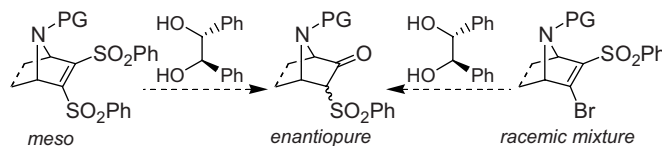
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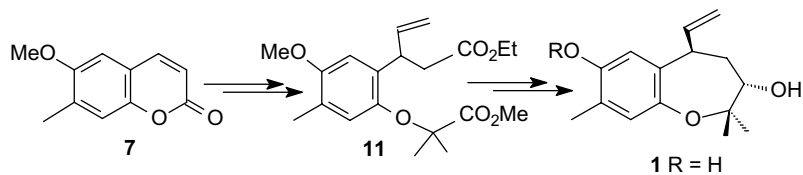


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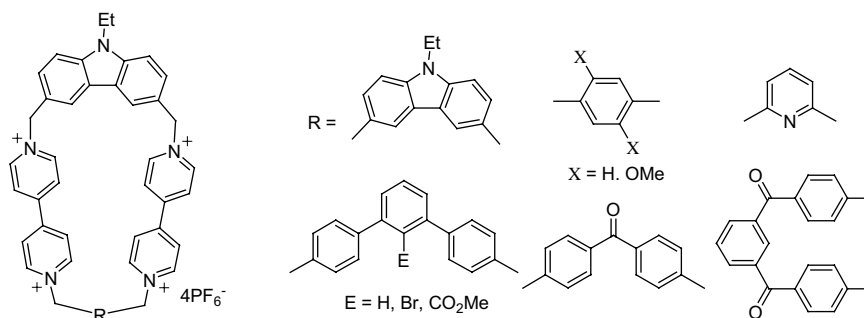
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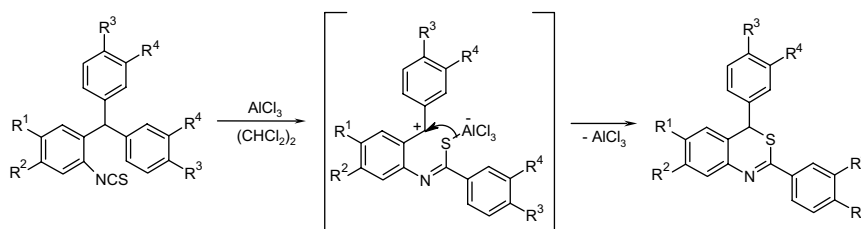
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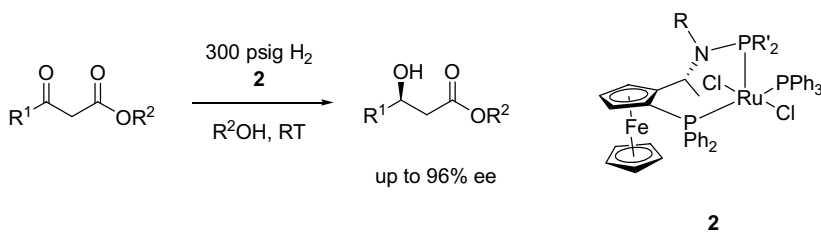
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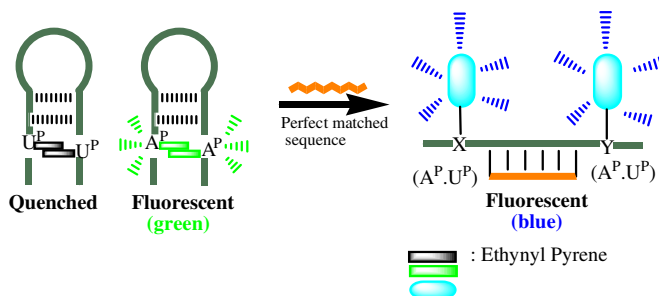
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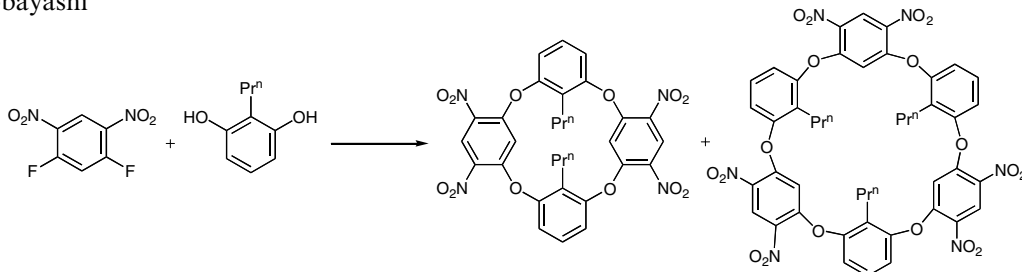
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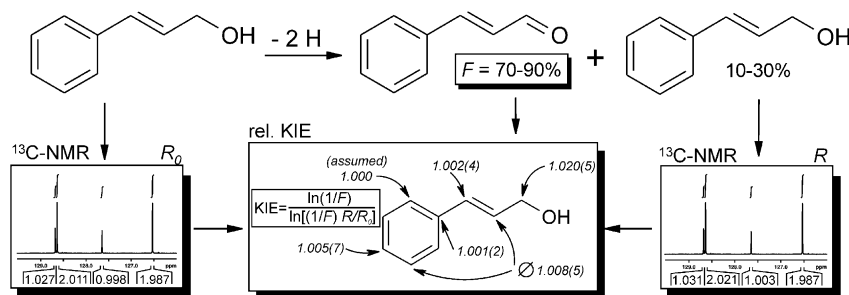
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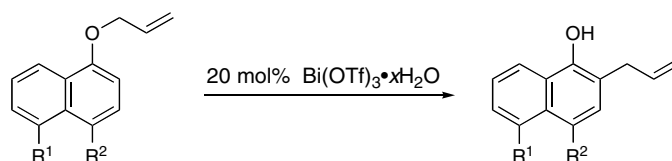
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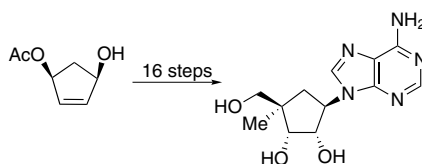
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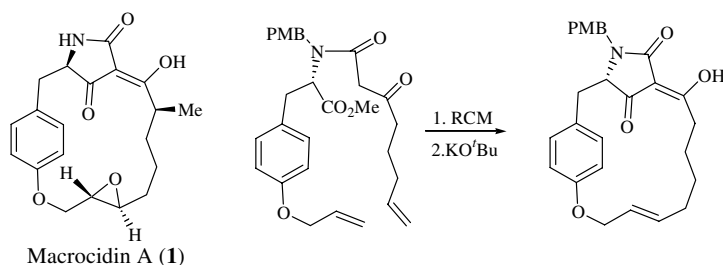
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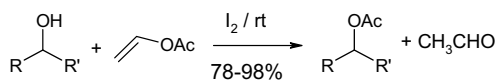
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J. W. John Bosco, Aditya Agrahari and Anil K. Saikia\*

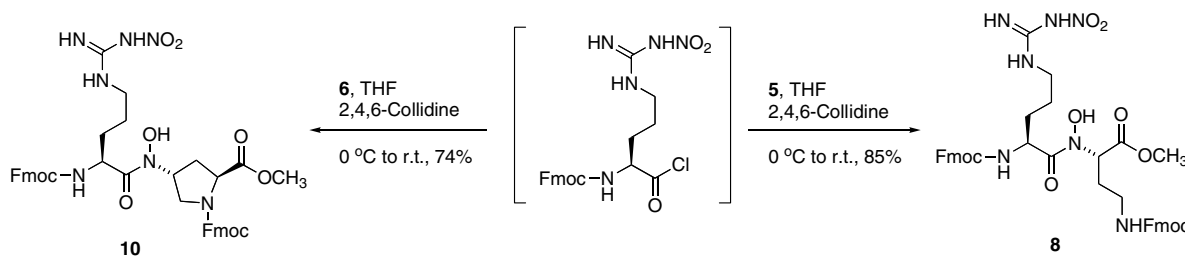


Where R = R' = H, alkyl, aryl


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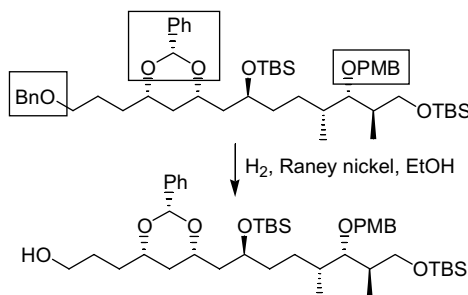
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Jiwon Seo and Richard B. Silverman\*


**Selective hydrogenolysis of benzyl ethers in the presence of benzylidene acetals with Raney nickel**

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Aur lie Vincent and Jo lle Prunet\*



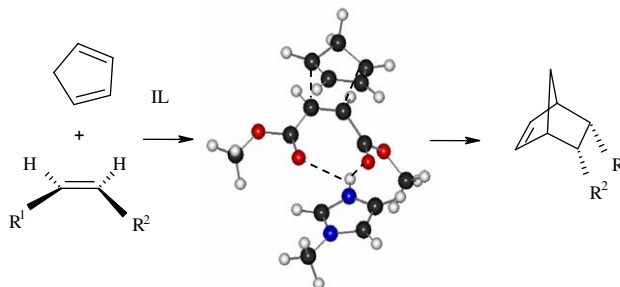
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Ewa Janus, Izabela Goc-Maciejewska, Marek Łożyński and Juliusz Pernak\*

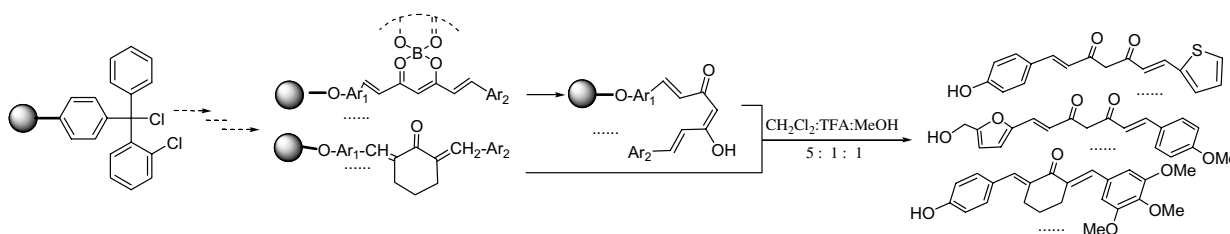
The application of protic imidazolium ILs as both a solvent and a Brønsted catalyst for the Diels–Alder reaction is presented. The formation of a transition state with a hydrogen bond between H–N3 of the protic imidazolium salt and ester carbonyl oxygens of the dienophile is suggested.



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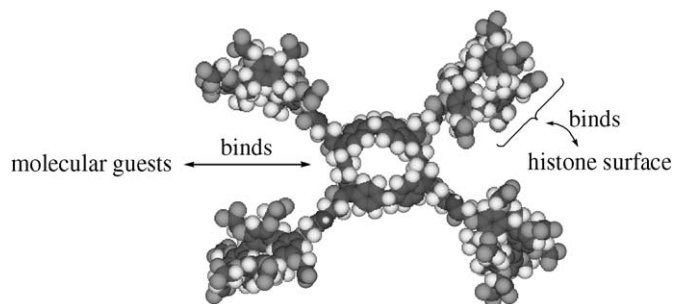
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Osamu Hayashida\* and Masaki Uchiyama



\*Corresponding author

 Supplementary data available via ScienceDirect

## COVER

The cover figure shows the first enantioselective synthesis of (–)-talaumidin, which can significantly promote neurite outgrowth of the primary cultured rat hippocampal neurons. *Tetrahedron Letters* **2006**, 47, 3979–3983.

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