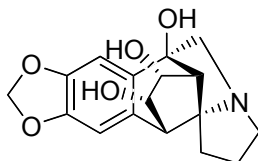


Heathcock-Trauner Group Meeting

Date: 4/2/02

Speaker: Chambers Hughes (Self-Regeneration of Stereocenters and Amathaspirimide C).

◆ Molecule of the Week:



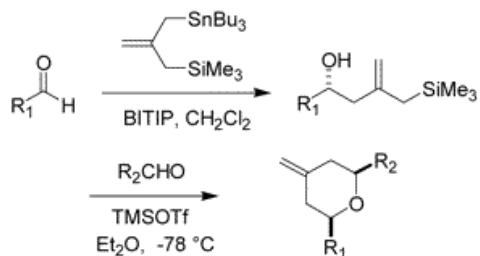
cephalocyclidin A

cytotoxic against murine lymphoma cells
(IC₅₀ 0.85 ug/mL)
and human epidermoid carcinoma cells
(IC₅₀ 0.80 ug/mL)

J. Kobayahi et. al. *J. Org. Chem.* **2002**, 67, 2283.

◆ Reaction/Method of the Week:

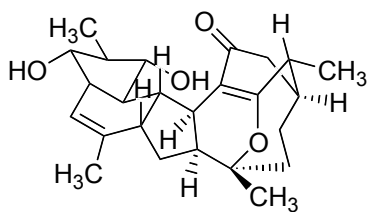
asymmetric synthesis of
2,6-disubstituted-4-methylene tetrahydropyrans:



BITIP = BINOL titanium tetraisopropoxide

G. E. Keck et. al. *Org. Lett.* **2002**, 4, 1189.

◆ Synthesis of the Week:



(+)-FR182877

E. J. Sorensen *J. Am. Chem. Soc.* **2002**, ASAP.

intramolecular condensation
transannular Diels-Alder
transannular hetero Diels-Alder

◆ Problem of the Week:

Denksport, baby!

◆ Future order: Josh, Karl, retrosynthesis.