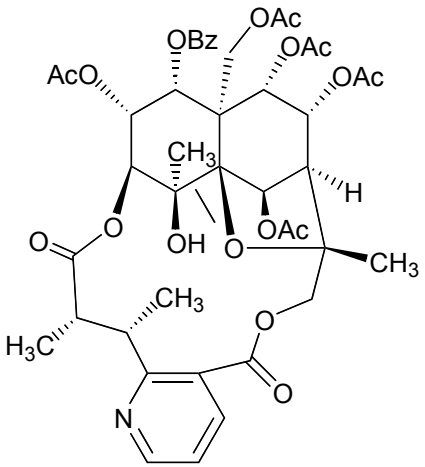
Trauner Group Meeting

Date: 4. 9. 2003

Speaker: G. Liang

• Molecule of the Week:

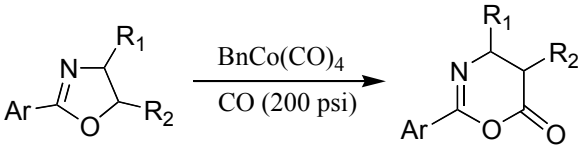


Mayteine

Yao-Haur Kuo et al, *Journal of Natural Products*, ASAP

• Reaction/Method of the Week:

Cobalt-Catalyzed Carbonylation of 2-Aryl-2-oxazolines

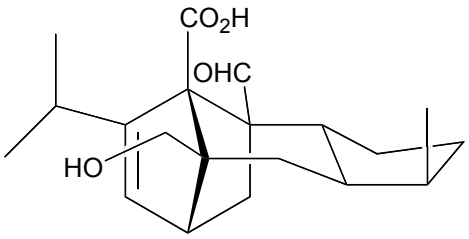


R_1 = H or Me; R_2 = H, Me, or Ph;

Ar = Ph, *m*-F-Ph, *p*-Tolyl, *o*-Tolyl, Thiophen-2-yl, or Furan-2-yl.

Li Jia et al, *Organic Letter,* ASAP

• Synthesis of the Week:



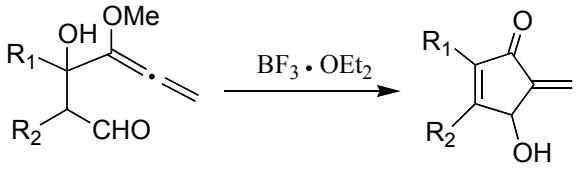
Sordaricin

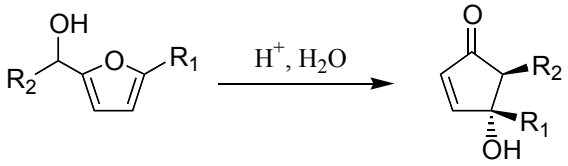
Lewis N. Mander et al, *Organic Letter,* ASAP

- *Two approaches were explored*
- *Intromolecular [4+2] cycloadditoin*
- *Tandem cycloreversion/intramolecular [4+2] cycloadditionn*
- *Two major building blocks were from two enantiomers*

• Problem (or Numbers) of the Week:

What is going on in the following two reactions?





Any relationship between them?

• *Future order : Kolbot By, Jeremy Malerich, Aubry Miller.*