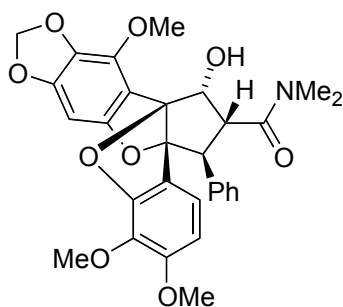


Trauner Group Meeting

Date: 03/06/03

Speaker: Stefan: Ion channel blockers and how to read biological data.

• Molecule of the Week:



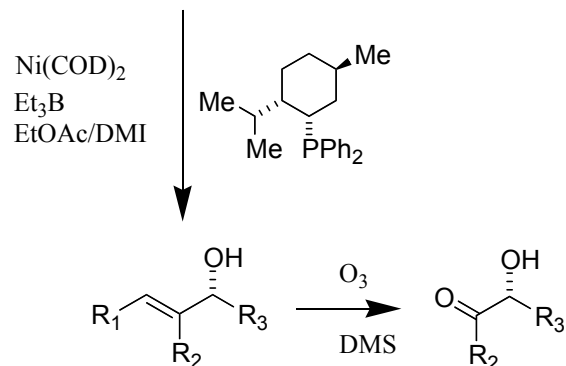
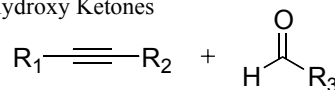
the first bridged cyclopentatetrahydrobenzofuran natural product

cyclorocaglamide

Bringmann, et. al. *J. Nat. Prod.* **2003**, 66, 80-85

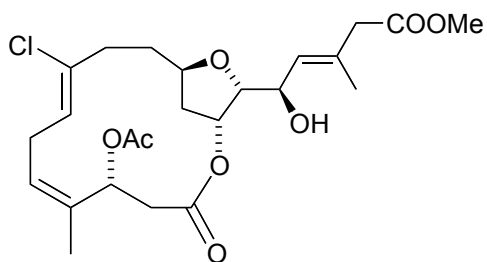
• Reaction/Method of the Week:

Catalytic Asymmetric Reductive Coupling of Alkynes and Aldehydes: Enantioselective Synthesis of Allylic Alcohols and -Hydroxy Ketones



Jameson et. al. *JACS* **2003**, ASAP

• Synthesis of the Week:



Haterumalide NA

Kigoshi et al. *Org. Lett.* **2003**, ASAP.

• *Intramolecular Reformatzky*

• Numbers of the Week:

- Avidin - Biotin dissociation constant:

$$K = 10^{-15} \text{ M}$$

- agitoxin inhibition constant:

$$K_i = 0.16 \text{ nM}$$

- inhibitory concentration of ST209
against Kv1.3 channels: $IC_{50} = 0.146 \mu\text{M}$

- No. of S. N. Gradl's publications: 1.