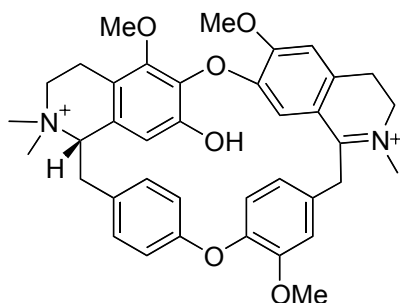


Trauner Group Meeting

Date: 9/15/05

Speaker: JP Lumb (Quinoidal Dimers from Rubia).

• Molecule of the Week:

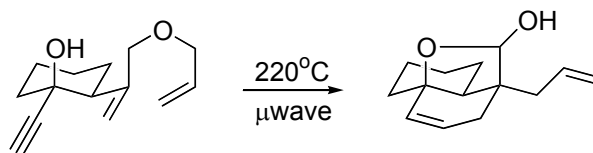


(+)- coccuorbiculatine A

F.-R. Chang, *J. Nat. Prod.*, **2005**, 68(7), 1056-1060.

- isolated from *cocculus*
- exits at medium to high elevations on Taiwan
- used in Fang-Ji., famous traditional Chinese medicine
- sweat ass structure

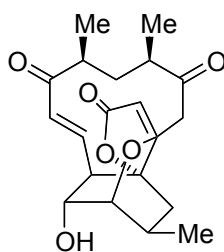
• Reaction/Method of the Week:



Barriault, *Org. Lett.* **ASAP**

- tandem oxy-Cope/ene/Claisen rearrangement
- generates Decalin core of tetrodecamycin

• Synthesis of the Week:

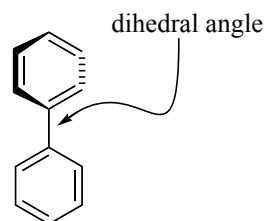


abyssomicin C

Angew. Chemie., Int. Ed. Early View
Sorensen and co workers

- biomimetic Diels-Alder macrocyclization

• Problem (or Numbers) of the Week:



dihedral angle in biphenyl:

- 1- 45° in gas phase
- 2- 10° in crystalline form at 45K

• Future order: Paul Roethle, *Retrosynthesis*, Matt. B.