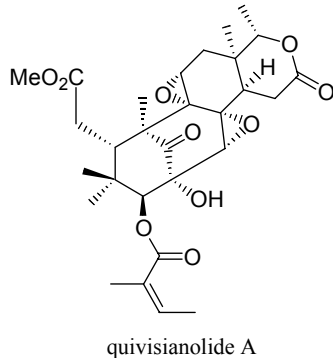


Trauner Group Meeting

Date: 4 August 2005

Speaker: Ellen D. Beaulieu (On the *Nuphar* alkaloids and studies towards nankakurine A).

• Molecule of the Week:

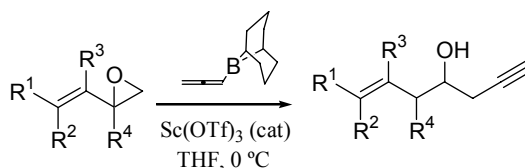


isolated from *Quivisia papinae*

Coombes, P.H.; Mulholland, D.A.; Randrianariveolosia, M. *Phytochemistry* **2005**, 66, 1100-1107.

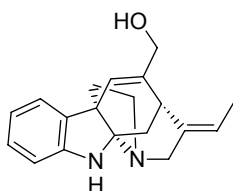
• Reaction/Method of the Week:

preparation of homoallylic homopropargylic alcohols from 2-vinyloxiranes



Maddess, M.L.; Lautens, M. *Org. Lett.* **2005**, 6, 3557-3560.

• Synthesis of the Week:



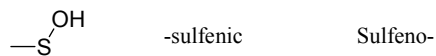
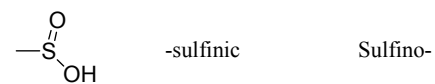
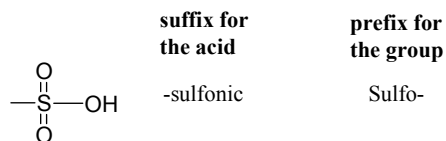
(+) minfiensine

Dounay, A.B.; Overman, L.E.; Wroblewski, A.D. *J. Am. Chem. Soc.* **2005**, 127, 10186-10187.

- catalytic asymmetric Heck- *N*-acyliminium ion sequence to form the enantiopure (dihydroiminoethano)carbazole skeleton
- use of the iminium ion to protect the indole core ultimately giving regioselection in the diene substrate
- A reductive Heck using sodium formate (Jeffery conditions) to form the pentacycle

• Problem of the Week:

No matter how many times we are prompted, we rarely seem to know...



If you are going to be a Trauner GOP... learn these for your own good!