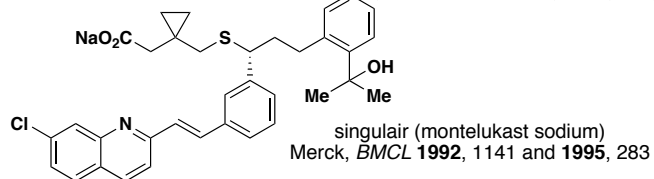
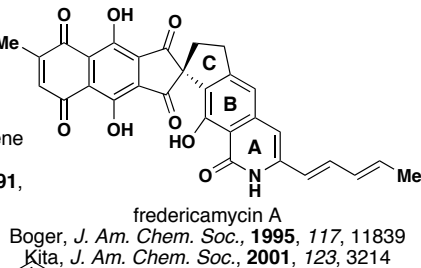
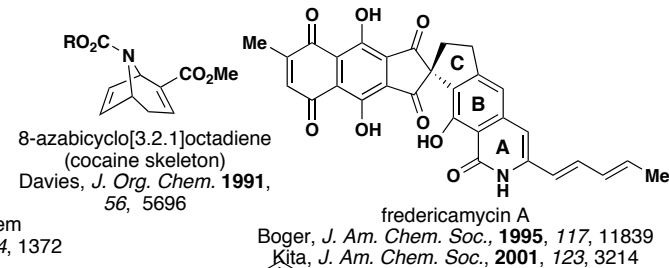
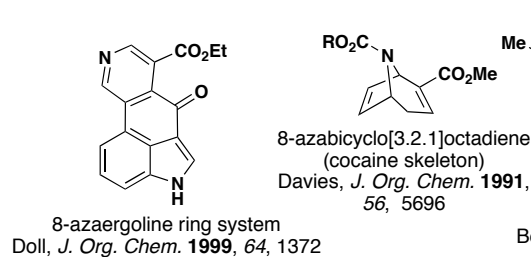
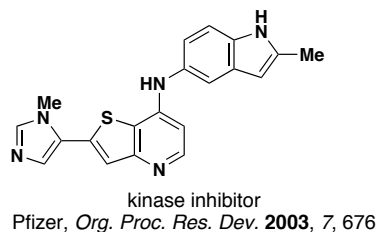
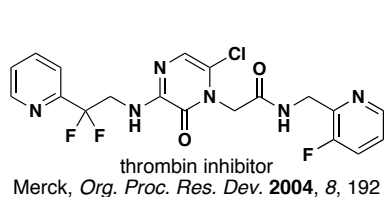


Tuesday, April 5th, 2011**Background music:** Grieg, Piano Concerto (suites 1 & 2)**Syntheses discussed:**

Reading assignment: HC chapters 4, 10, 12, 16, 20; Li chapters 8.3.2 and 8.4; Schlosser handout

Partial list of concepts/transforms discussed:

Nucleophilic attack on hydrogen (metallation of heterocycles)

Reaction of heterocycles with radicals and electron deficient species

Minisci reaction

Ciamician–Dennstedt rearrangement

Effect of heterocycles on their substituents:

- By electron withdrawal
- By electron donation

Problems of the day: