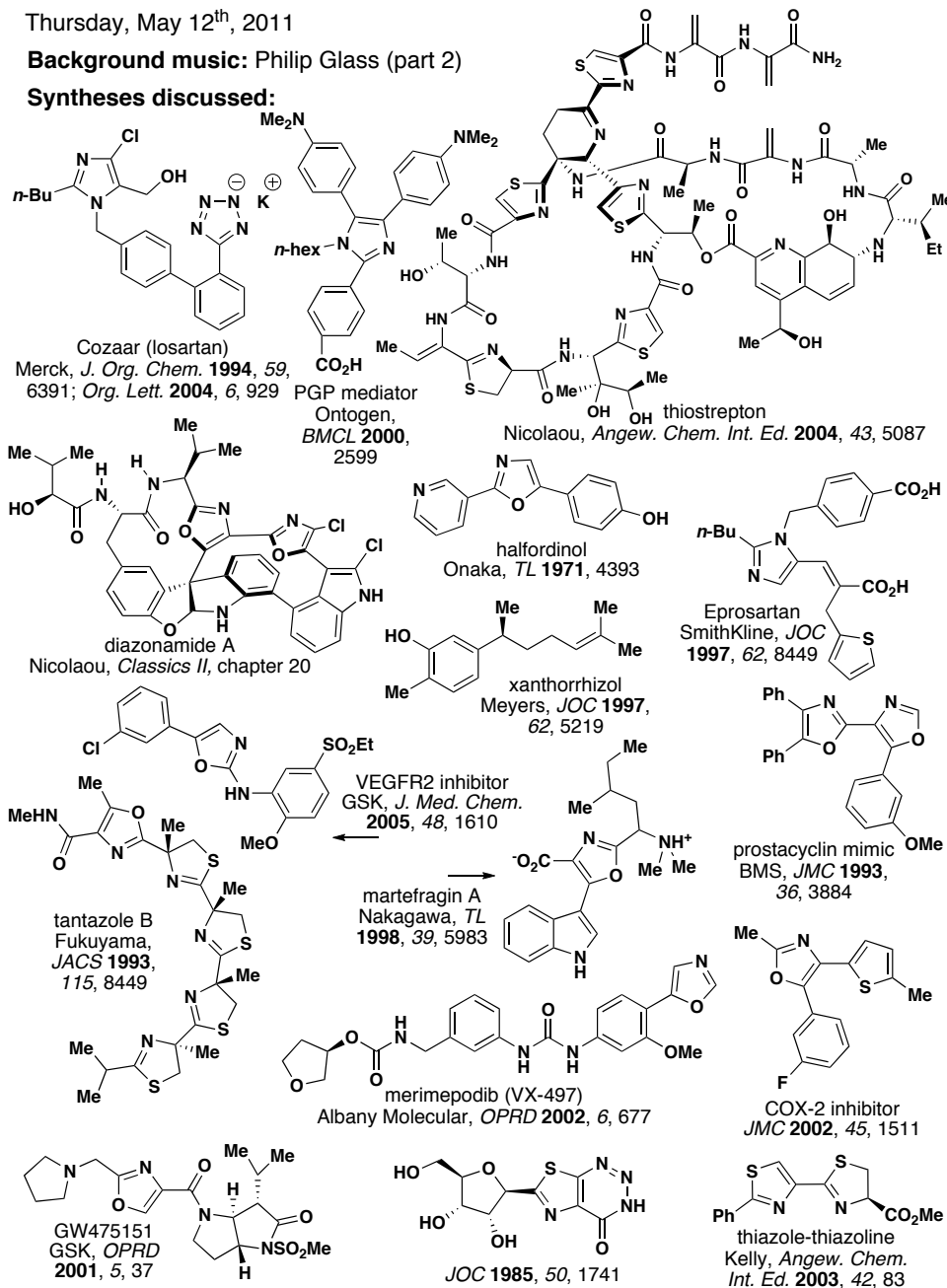


Thursday, May 12th, 2011

Background music: Philip Glass (part 2)

Syntheses discussed:



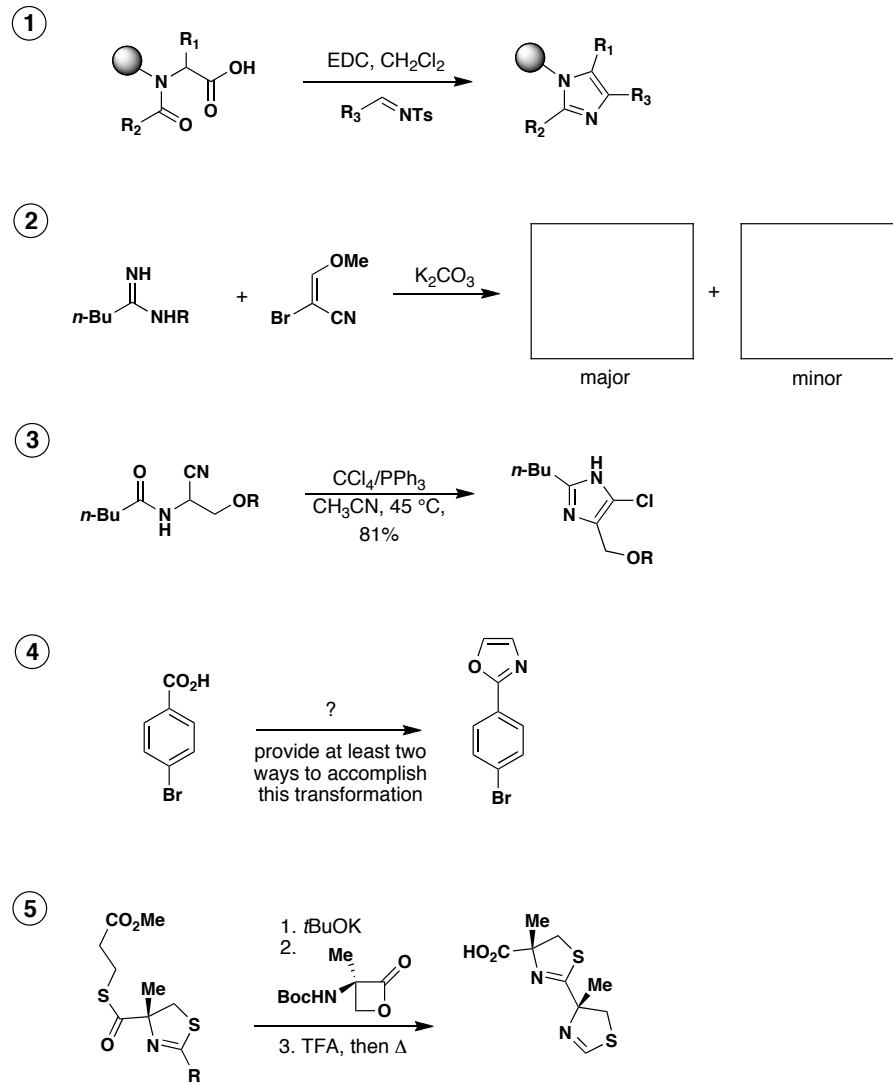
Reading assignment: HC chapters 20-21

Partial list of concepts/transforms discussed:

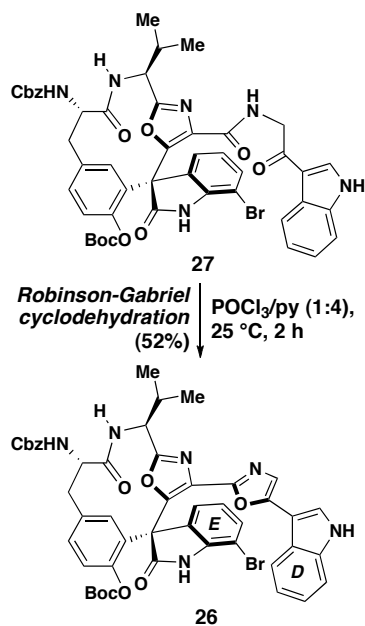
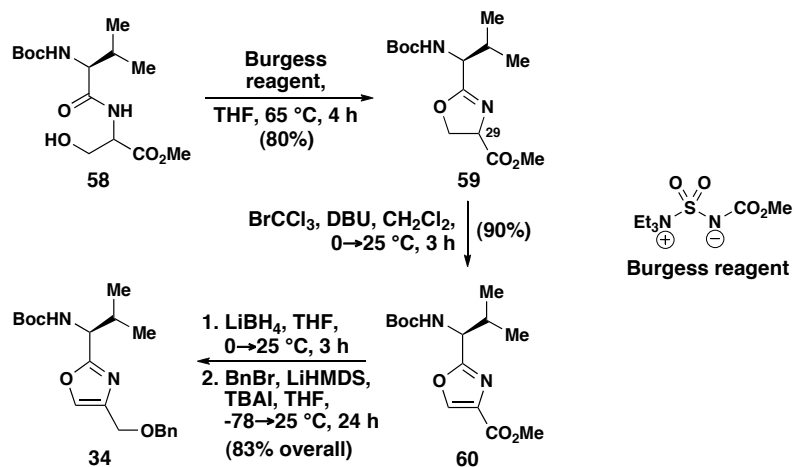
Hantzsch azole synthesis
van Leusen azole synthesis
Robinson-Gabriel cyclodehydration

Fischer oxazole synthesis
Meyers oxazoline method
Cook-Heilbron thiazole synthesis

Problems of the day:



Key oxazole-forming steps in Nicolaou's diazepam A synthesis (first):



Key oxazole-forming steps in Nicolaou's diazepam A synthesis (second):

