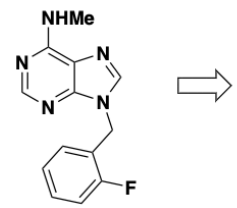
Lectures 16: Purines and other complex fused heterocycles

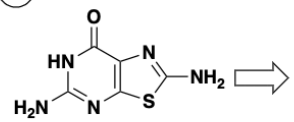
Case Studies

1



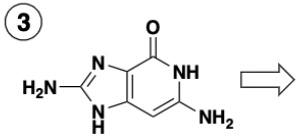
Burroughs Wellcome,
JMC **1986**, *29*, 1133

2



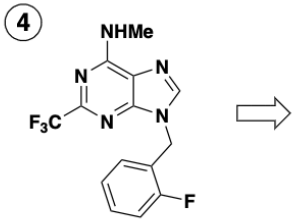
Warner-Lambert
JMC **1986**, *29*, 1804

3



Warner-Lambert
JMC **1986**, *29*, 2034

4



Burroughs Wellcome,
JMC **1989**, *32*, 218

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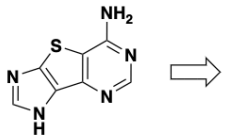
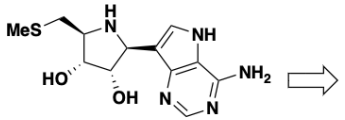


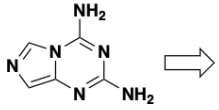
JMC **2000**, *43*, 4877

6



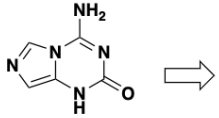
BioCryst
JMC **2004**, *47*, 1322

7



Eschenmoser
OL **2003**, *5*, 2067

8



Eschenmoser
OL **2004**, *5*, 3691

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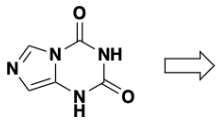

Eschenmoser
OL **2004**, *5*, 3691

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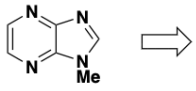
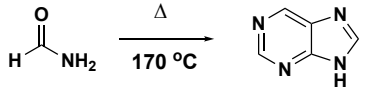


JMC **1973**, *16*, 643

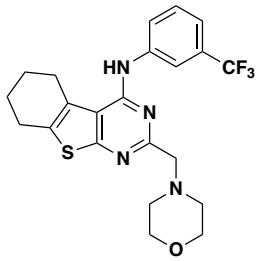
Reading assignment: **HC chapters 26-27**
Study music: Bizet

Problems of the Day:

1 Propose a reasonable mechanism



2 Propose a retrosynthesis of the following molecule



3 Propose a reasonable mechanism

