

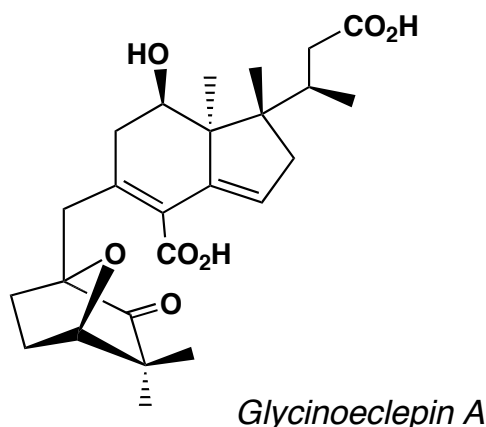
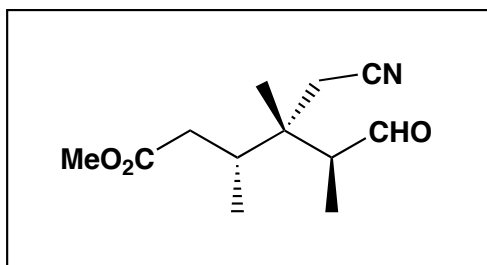
Massachusetts Institute of Technology
Organic Chemistry 5.512

March 9, 2005
Prof. Rick L. Danheiser

Strategies for Stereocontrolled Synthesis

Case Study #1

Intermediate for the synthesis of
Glycinoeclepin A
R. L. Danheiser et al., unpublished

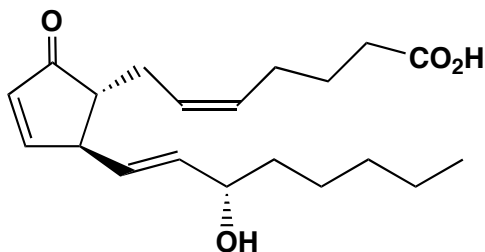


Glycinoeclepin A

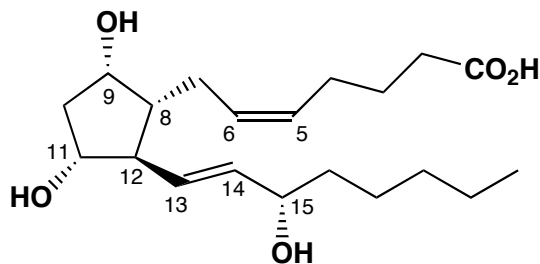
Case Study #2

Total Synthesis of Prostaglandins A Sweet Approach

G. Stork and S. Raucher *J. Am. Chem. Soc.* **1976**, *98*, 1583
G. Stork, T. Takahashi, I. Kawamoto, and T. Suzuki *J. Am. Chem. Soc.* **1978**, *100*, 8272



Prostaglandin A₂



Prostaglandin F_{2α}