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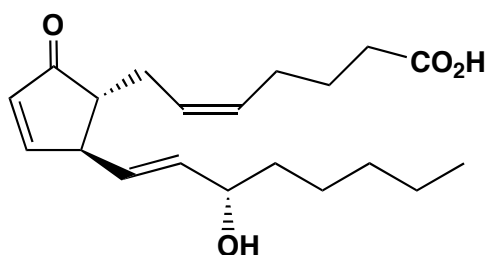
Strategies for Stereocontrolled Synthesis

Case Study #2

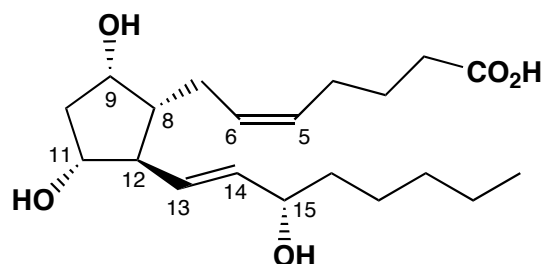
Total Synthesis of Prostaglandins A Sweet Approach

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}

References

For discussions of the use of chiral natural products as starting materials for the synthesis of complex molecules, see

(1) S. Hanessian "Total Synthesis of Natural Products: The 'Chiron Approach' ", Pergamon Press: Oxford, 1983.

(2) T.-L. Ho "Enantioselective Synthesis: Natural Products from Chiral Terpenes", Wiley Interscience: New York, 1992.