Chemistry 30B Discussion - Week 7: Ethers - DCF

1: Propose a reasonable mechanism

Problem 11.25 / 11.30 in your textbook

$$\stackrel{\mathsf{a})}{\searrow} \stackrel{\mathsf{BF}_3}{\longrightarrow} \stackrel{\mathsf{O}}{\longrightarrow}$$

2: Synthesis

a) Design a short synthesis of **1**. What simple change would you make to synthesize **2**. Adapted from Problem 11.35

b) Show reagents to bring about each reaction. Adapted from Problem 11.33

c) Show reagents to bring about each reaction. Adapted from Problem 11.34