

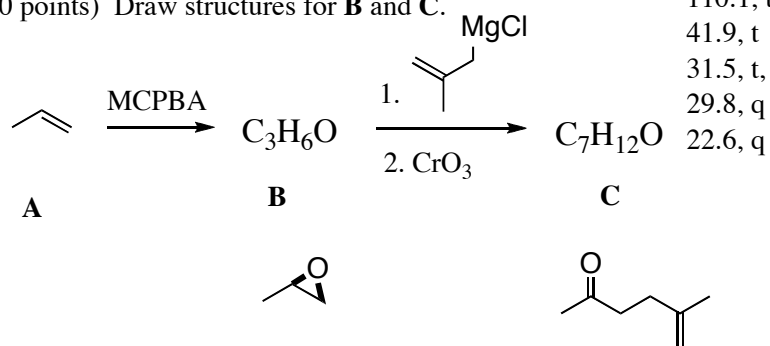
Fall 2006

Homework #7

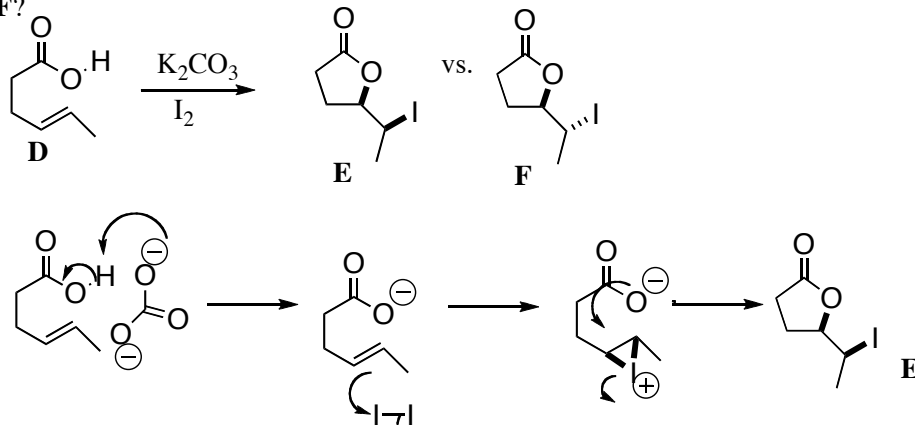
due: 10 a.m. Mon. Oct 30th

¹³ C NMR:	¹ H NMR:
208.1, s	1.72, s, 3H
144.3, s	2.12, s, 3H
110.1, t	2.37, t, J = 6.7 Hz, 2H
41.9, t	2.58, t, J = 6.7 Hz, 2H
31.5, t,	4.66, s, 1H
29.8, q	4.72, s, 1H
22.6, q	

1. (10 points) Draw structures for
- B**
- and
- C**
- .



2. (10 points each) Draw an arrow-pushing mechanism for the transformation of
- D**
- . Which is formed,
- E**
- or
- F**
- ?



3. (10 points) Draw a scheme for converting
- G**
- into
- H**
- . You may use any other piece that contributes three or fewer carbons to the final product.

