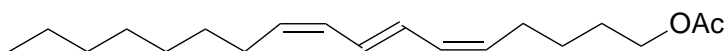
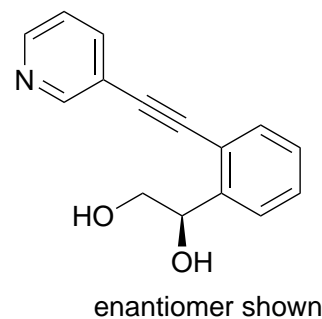
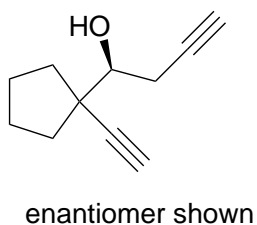
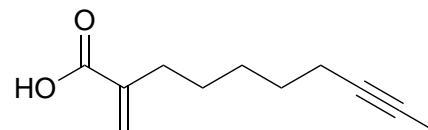
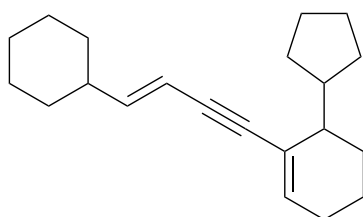
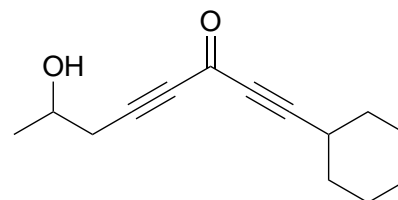
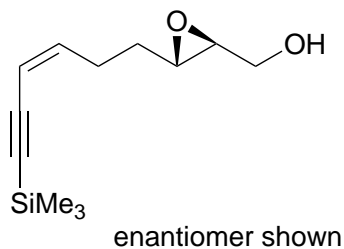
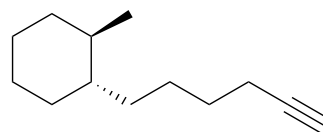
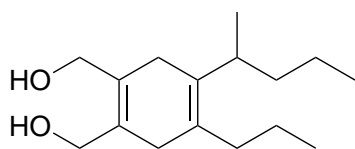


Chemistry 852
EXAM I
February 22, 2019

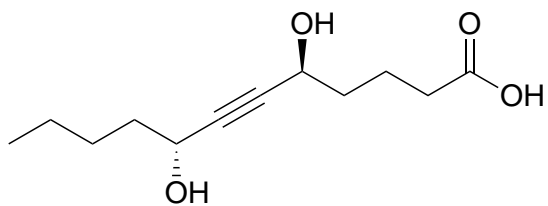
Devise stereospecific syntheses of the following compounds using only readily available starting materials and reactions which would be expected to go in high yield and with good selectivity.

I. (60 pts) Answer only 6.

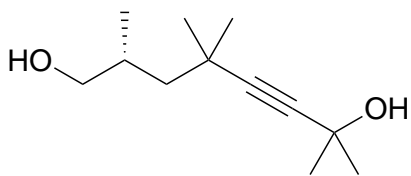


Tetrahedron Lett. **1994**, 35, 3543.

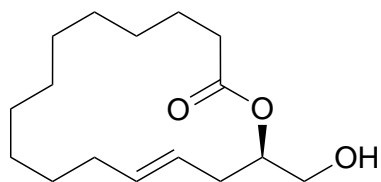
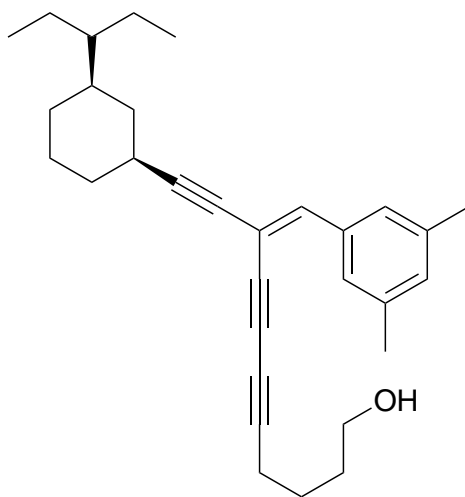
II. (40 pts) Answer only 2.



gallicynoic acid G
enantiomer shown
Helv. Chim. Acta **2011**, *94*, 1246.



enantiomer shown



enantiomer shown