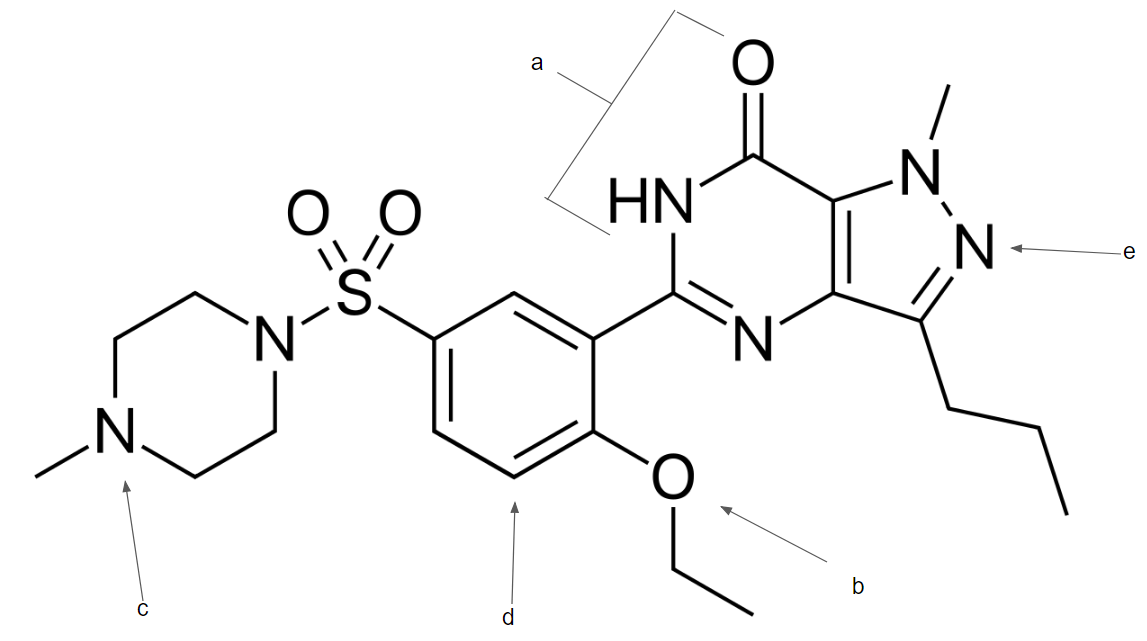
ASC Ochem II review 1

Mr. Stark I don’t feel so good

1. Label the following

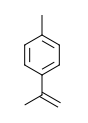


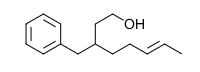
Functional groups:

Pka

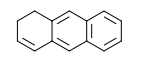
c.

1. Draw/name the following molecules
   1. (1E,3Z,5Z) 1-bromo-3-ethyl-5-methyl-cyclohepta-1,3,5-triene



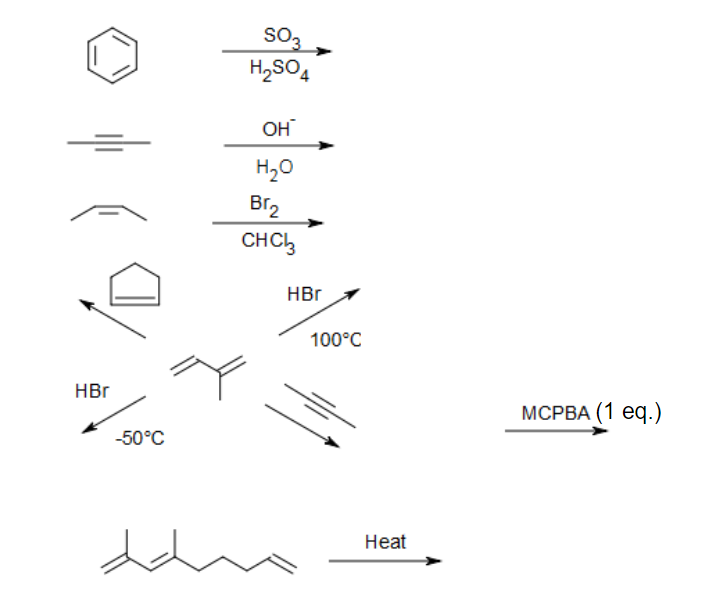
* 1. 3-chloro-4-ethylanisole
  2. 

1. Rank the following molecular orbitals in terms of their energy levels from lowest to highest.
2. - + + + + -
3. + + + + + +
4. - + - - + -
5. - + + - - +
6. - + - + - +
7. - - - + + +
8. Which of the following is aromatic? Assume all molecules are planar.

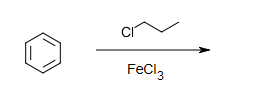
  

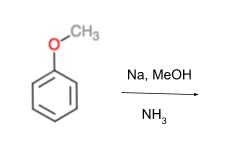
  

1. Time for predict the products :D



1. Draw the mechanism for the following reaction. Include all resonance structures if present.





1. Complete the following synthesis

