


Pre-Lab Quiz: Lab2- cis-Norbornene-5,6-endo-dicarboxylic anhydride by Diels-Alder Reaction.

Name: _____ Date: _____

1. What is the molecular formula of  ?

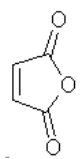
Ans: _____ (10 pts)

2. Why is cyclopentadiene exist as a dimer at room temperature? (2 pts)



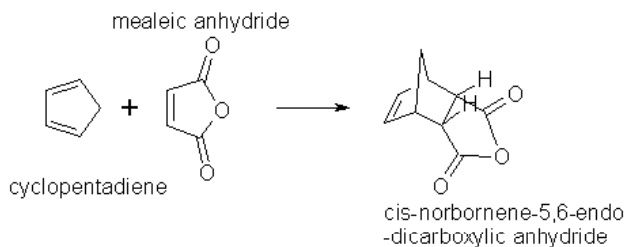
3. What is the molecular formula and molecular weight of 

Molecular Formula: _____ Molecular Weight: _____

4. How many moles are in 6.0 g of maleic anhydride,  ?

Ans: _____

5. What is the theoretical yield of cis-Norbornene-5,6-endo-dicarboxylic anhydride if 6.0g of maleic acid was reacted with excess cyclopentadiene?



Ans: _____