

Name \_\_\_\_\_ Lab Partner \_\_\_\_\_  
TA Name \_\_\_\_\_ Section \_\_\_\_\_ Date \_\_\_\_\_

### Experiment 7 - Preparation of 1,4-diphenyl-1,3-butadiene

Record the following data.

1. Amount of cinnamaldehyde \_\_\_\_\_ g, \_\_\_\_\_ mol
2. Amount of Wittig reagent \_\_\_\_\_ g, \_\_\_\_\_ mol
3. Theoretical Yield of product \_\_\_\_\_ mol, \_\_\_\_\_ g
4. Actual Yield \_\_\_\_\_
5. Percentage Yield \_\_\_\_\_
6. Melting Point \_\_\_\_\_ (observed), \_\_\_\_\_ (reported)
7. Record your calculations.