2. Benzophenone

In the microwaves solid is warmed until its temperature reaches the required degree. Then the reaction is started by adding a few milliliters of water to the sample. The reaction mixture is then heated at a temperature of 120°C for 2 hours. The reaction is complete when the mixture becomes clear and the color changes from yellow to colorless. The product is then filtered and washed with cold water. The organic layer is dried over anhydrous magnesium sulfate and concentrated under vacuum. The resulting solid is recrystallized from ethanol to obtain pure product.

**Experimental Procedure**

The reaction mixture is heated to 120°C for 2 hours. The product is then filtered and washed with cold water. The organic layer is dried over anhydrous magnesium sulfate and concentrated under vacuum. The resulting solid is recrystallized from ethanol to obtain pure product.
5. Phenolization Rearrangement

and heat down the stream. The material should be placed in the phenolized water, neutralized with sodium carbonate.

Procedure

and the high yield.

4. Phenolization Rearrangement

3. Aromatic Cleavage

5. Phenolization Rearrangement

and heat down the steam. The material should be placed in the phenolized water, neutralized with sodium carbonate.

Procedure

and the high yield.

This phenolized rearrangement is characterized by rapid

and the high yield.

4. Phenolization Rearrangement

and heat down the steam. The material should be placed in the phenolized water, neutralized with sodium carbonate.

Procedure

and the high yield.

This phenolized rearrangement is characterized by rapid

and the high yield.

4. Phenolization Rearrangement

and heat down the steam. The material should be placed in the phenolized water, neutralized with sodium carbonate.

Procedure

and the high yield.

This phenolized rearrangement is characterized by rapid
Questions

Chapter 28: Photosynthesis

1. Write the electron reaction occurring in photolysis water.
2. Add to the peak at 1639 cm⁻¹ in the IR spectrum of benzophenone (F).
3. Write the electron reaction occurring in photolysis water.

Cleaning Up

Dilute the ethereal wash water, neutralize with sodium carbonate.