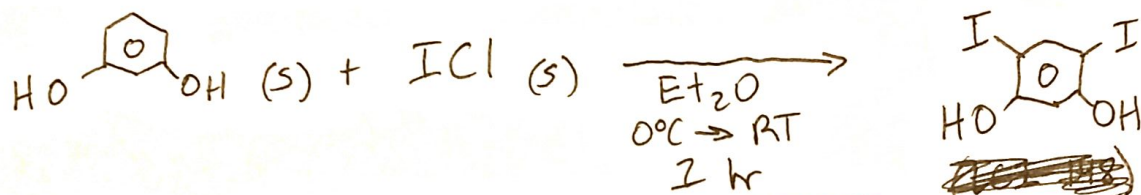


Multi-step Pre-lab Example

1/25/16



Reagent	Amount	Equivalence	MW	Appearance	Hazard
benzene-1,3-diol	7 g	1	110.1	white solid	irritant
ICl	3.24 g	2.2	162.4	brown solid	corrosive
Et ₂ O	* 60 mL	—	—	clear liquid	flammable

Procedure

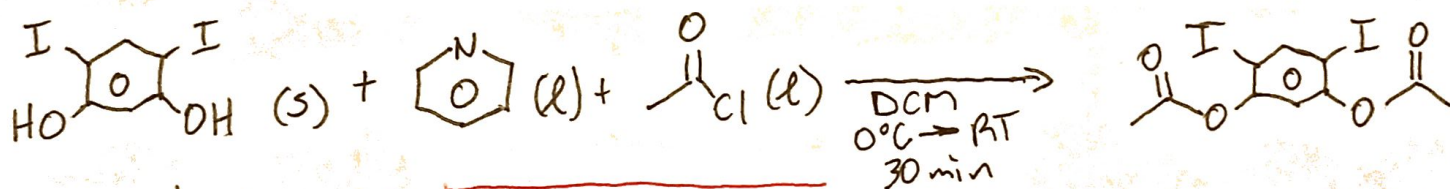
← calculate these
* solvent volumes will be provided

- ~~~~~
- ~~~~~
- ~~~~~

Observations

Leave this section blank so it can be filled in during the laboratory session.

Mass = % yield =



Reagent /	Amount	Eq	MW	Appearance	Hazard
4,6-diiodobenzene-1,3-diol			361.9	white solid	
pyridine			79.1	clear liquid	
acetyl chloride			78.5	clear liquid	
DCM	35 mL	—	—	clear liquid	flammable

→ calculate this box based on yield from previous steps

Procedure

- ~~~~~
- ~~~~~

Observations

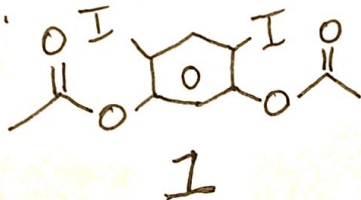
Leave this section blank so that it can be filled in during your laboratory session.

Mass =

% yield =

IR Spectroscopic Analysis

Compound:



Goal: To characterize compound 1 using IR spectroscopy.

Procedure

Observations/Results

Leave this section blank so that it can be filled in during your laboratory session.

Put an X in remaining portion of lab notebook that you don't use for experiment. This shows that the experiment has been completed.