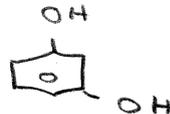
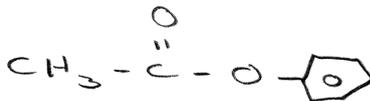
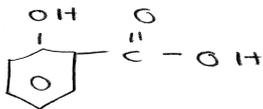


Chapter 24: Phenols Worksheet

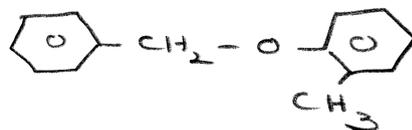
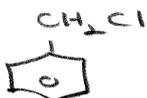
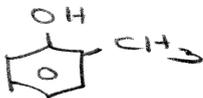
NOMENCLATURE

- Do assigned homework, refer to your text, and study the lecture notes.
- Draw these structures: salicylic acid, phenyl acetate, and resorcinol.

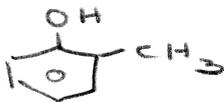


REACTIONS

- o*-cresol + benzyl chloride, NaOH \rightarrow



- o*-cresol + sodium acetate \rightarrow

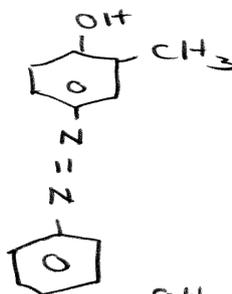


N. R.

- phenol + CO₂ + NaOH $\xrightarrow{125^\circ, 5 \text{ atm.}}$



- o*-cresol + Ph-N₂⁺Cl⁻ \rightarrow



- phenol + phthalic anhydride $\xrightarrow{\text{AlCl}_3}$

