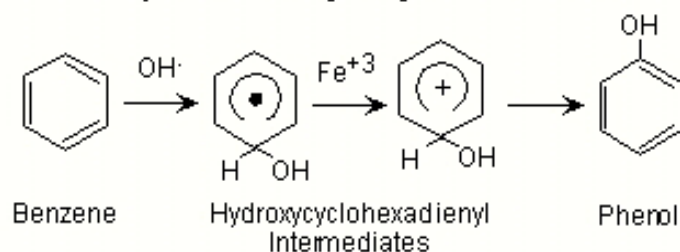
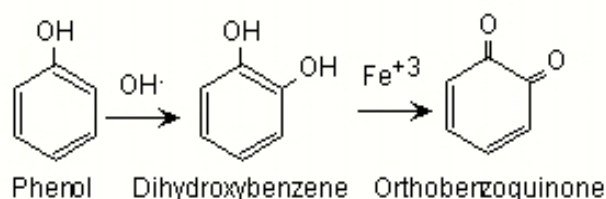


Benzene Oxidation Pathway

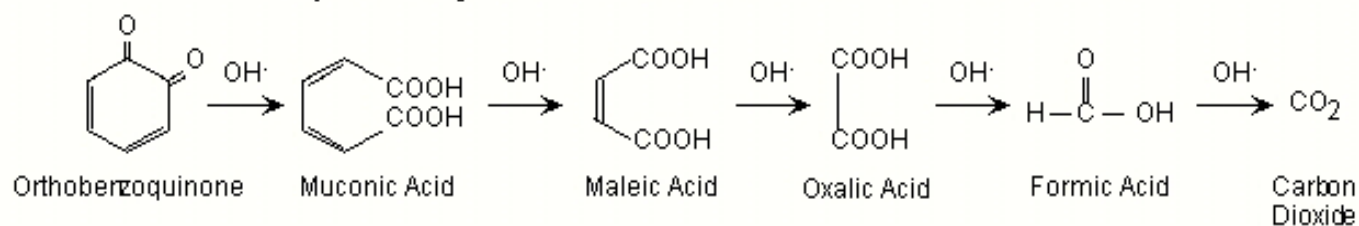
Step 1. Benzene Hydroxylation to Phenol



Step 2. Phenol Oxidation to Benzoquinone




Step 3. Carboxylic Acid Formation and Oxidation to Carbon Dioxide



References: Walling, 1975; Edwards and Curci 1992; Scheck and Frimmel 1995.

**EXAMPLE AROMATIC COMPOUND (BENZENE)
FENTON'S REAGENT OXIDATION PATHWAY**

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