

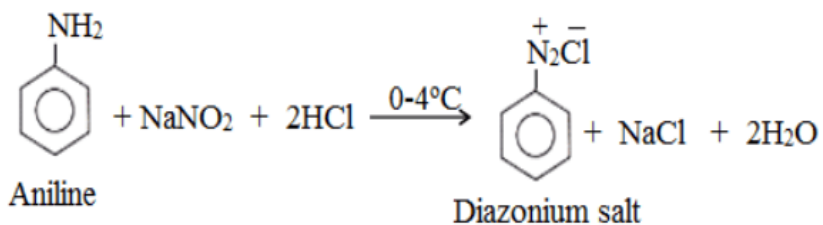
B.SC Semester VI , Chemistry General

DSE – 1B (THEO.)

Course Title : Functional Group Organic Chemistry

2b. : Diazo compounds

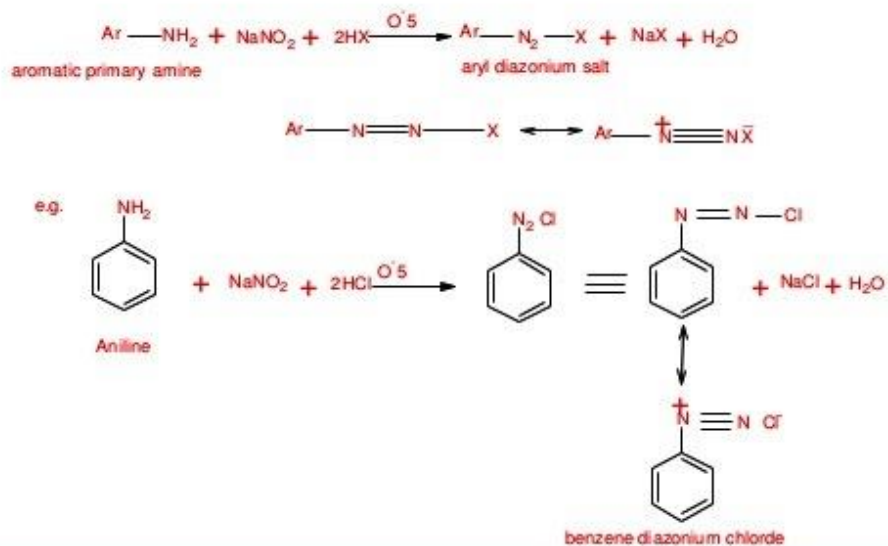
Preparation Of Diazonium Salt From Aromatic Amine



Or

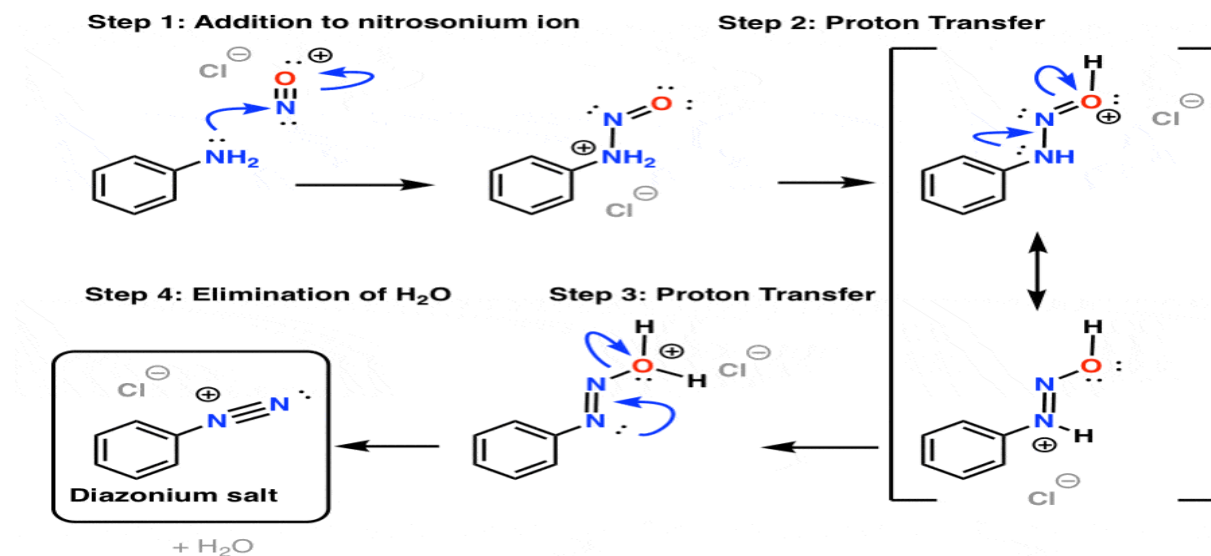
Diazotisation

- The process of conversion of aromatic primary amine into diazonium salt is called as diazotisation.



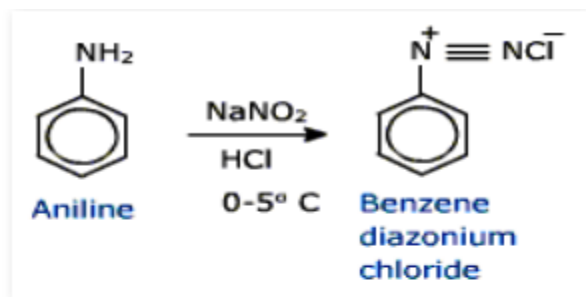
Mechanism of Reaction

Mechanism: Formation of Diazonium Ions From Aromatic Amines

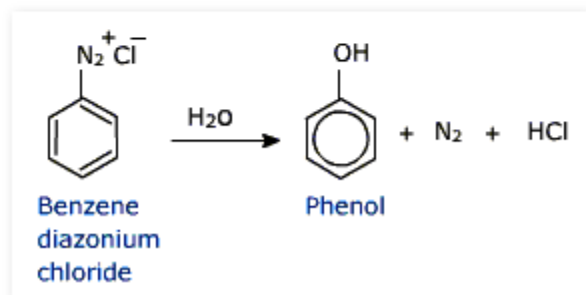


Reaction of Diazonium Salt

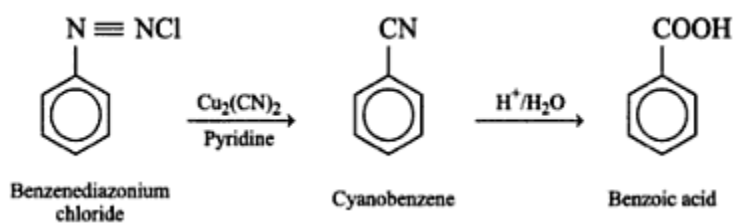
1. Diazonium to Phenol



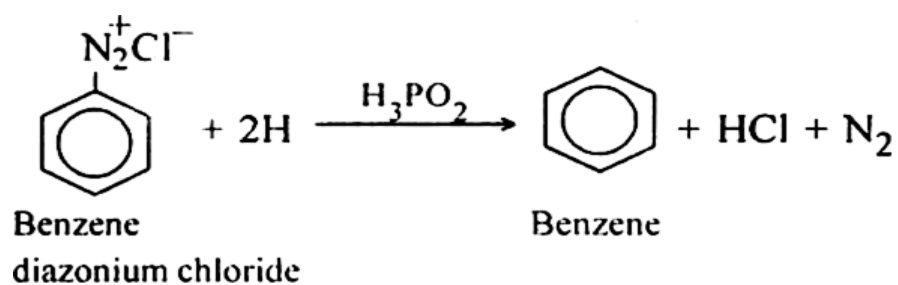
Diazonium salts are hydrolysed to phenols treating with dilute acids.



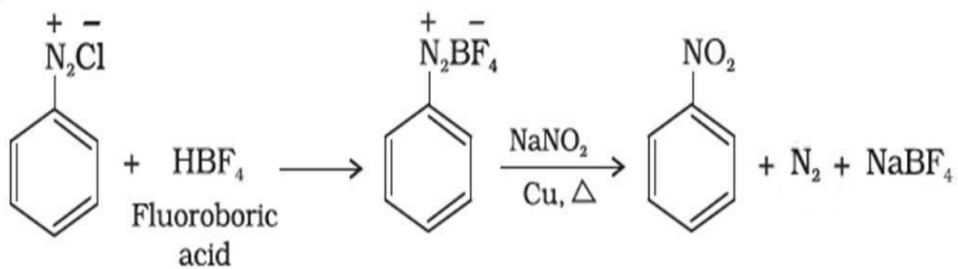
2. Diazonium to Benzoic Acid



3. Diazonium To Benzene



4. Diazonium To Nitro Benzene



Satyajit Biswas

Hooghly Women's College