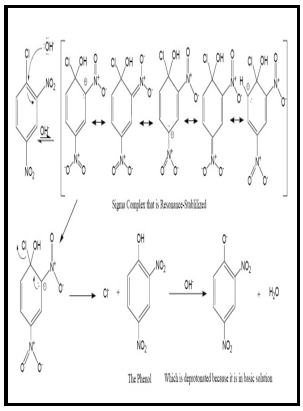
Aromatic substitution reactions.

Prentice-Hall - Electrophilic Aromatic Substitution Mechanisms and Reactions



Description: -
-Aromatic substitution reactions.
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Prentice-Hall foundations of modern organic chemistry seriesAromatic substitution reactions.
Notes: Includes index.
This edition was published in 1968

Tags: #Aromatic #Reactivity

Nucleophilic Aromatic Substitution

Although benzene is unsaturated , it does not exhibit the relative reactivity of its other alkene and acyclic counterparts.

Aromatic Reactivity

The advantage of fluorine is that being the most electronegative, it activates the ring a lot more than the other halogens by decreasing the electron density and stabilizing the forming negative charge. Most of the essential vitamins we need are also aromatic. You have a hydrogen here, hydrogen here, hydrogen here, hydrogen here.

Electrophilic Aromatic Substitution: The Six Key Reactions

The reason why it is, it's only a secondary carbocation, but it's actually a resonance-stabilized carbocation because this electron right can be given to that.

Chapter 20 Notes

Fluorine is too reactive to be of practical use for the preparation of aromatic fluorine compounds and indirect methods are necessary see. Aromatic compounds are also not limited to hydrocarbons as there are also aromatic compounds like thiophene and pyridine that are considered aromatic, even if they have S and N in their structure. Nitration Nitration of aromatic rings can be achieved using a mixture of concentrated nitric and sulfuric acids.

Reactions of Aromatic Compounds — Organic Chemistry Tutor

It has gained a proton.

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