

Introductory Organic Chemistry II
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Weekly Intro - 5

Hi, in the past several weeks, you have looked at various aspects of aromatic substitutions. You have looked at electrophilic aromatic substitution, nucleophilic aromatic substitution. And then you have done some work on carboxylic acids. Now, we will be starting a new topic, which is the chemistry of carbonyl compounds.

Carbonyl compounds are very important in various fields, including drug discovery, biology, and various other applications. And so therefore, the use of carbonyl compounds is widespread. And, one needs to understand the chemistry of this, for us to move forward. So, in this week, you will be looking at various aspects of the structure of carbonyl compounds. You will be looking at enols, enolates, and also some molecular orbital aspect of the structure of carbon, and how it reacts.

So, hopefully in this week, you will also understand the basics of carbonyl compounds that are very important for the future. I mean, for the topics that we are planning to cover in the future part of this course.