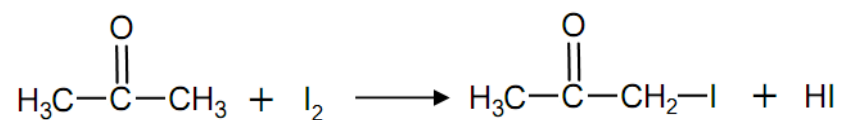


Question #57711, Chemistry / Organic Chemistry

How to write an equation of propanone iodination? And how to explain, what causes the characteristic odor?

Answer:

Iodination of propanone is a reaction of electrophilic substitution:



Product of this reaction is named monoiodopropanone. It has a strong odor, and it is a lacrimator, i.e. it irritates our eyes and causes people to cry.