

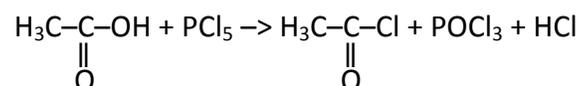
Question #57713, Chemistry / Organic Chemistry

What is the equation for the reaction of PCl_5 with ethanoic acid?

How to write a reaction equation of potassium dichromate with ethanoic acid?

Answer:

Reaction of phosphorus pentachloride with ethanoic acid gives ethanoyl chloride:



And reaction of potassium dichromate with ethanoic acid at increased temperature leads to the oxidation of acid to carbon dioxide and water:

