

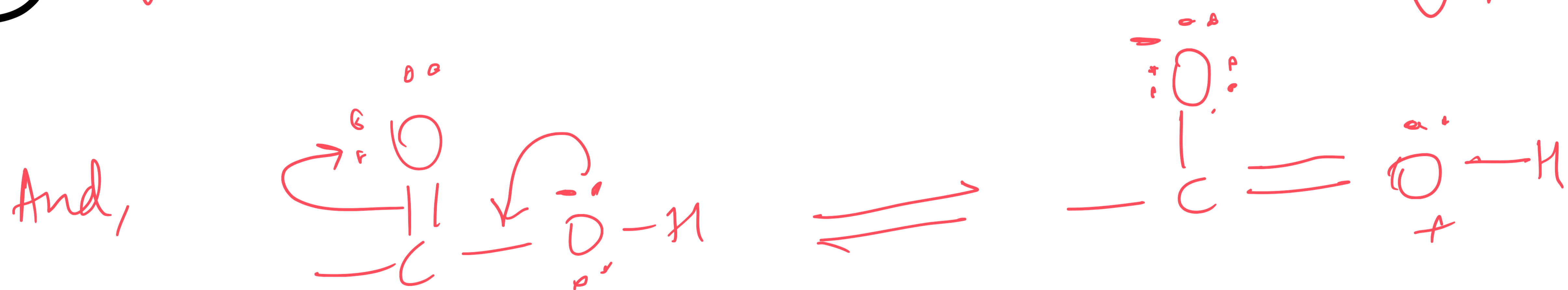
Learn The Nomenclature Very well

Few points:

- ① When C of $-COOH$ is counted, we say $-oic$ acid, but when C of $-COOH$ is not counted in the length of the parent chain, we use $carboxylic$ acid.

For more such example see the nomenclature part of your NCERT + IIT PAL lectures.

- ② Remember the common names very properly.



This is why $-COOH$ does not give Haloform test, because it does not have $carbonyl$, ~~the~~ it is with conjugation of ~~cap~~ lone pair of Oxygen Atom.