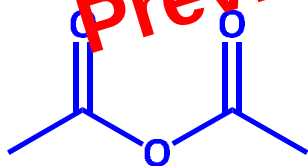


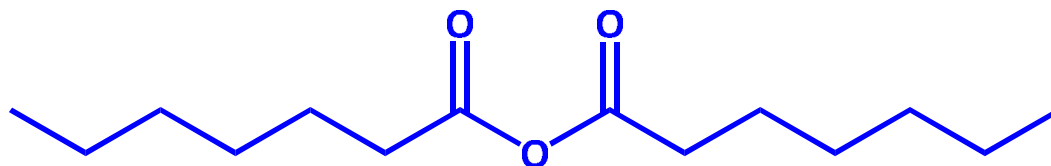
Nomenclature of Acid anhydrides

Symmetrical anhydrides

Named by dropping the word acid (from the corresponding carboxylic acid) and replacing it with – anhydride.



Acetic anhydride



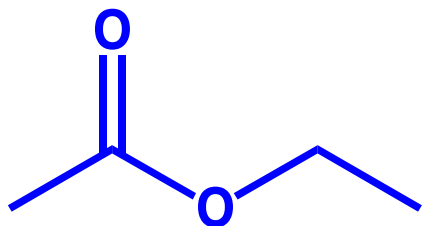
Heptanoic anhydride

Mixed anhydrides

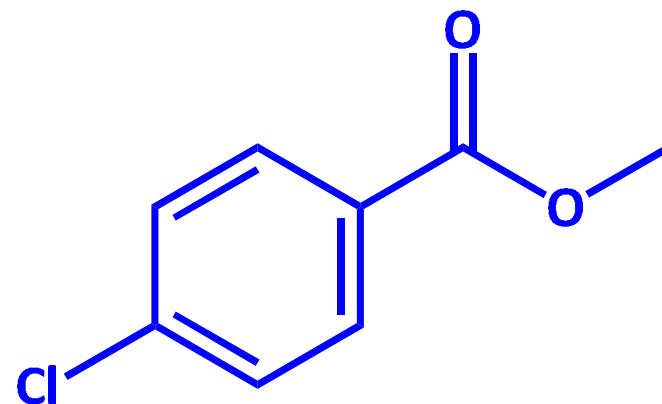
Named by giving in alphabetical order, the first part of the names of the two acids followed by “anhydride”.

Nomenclature of esters

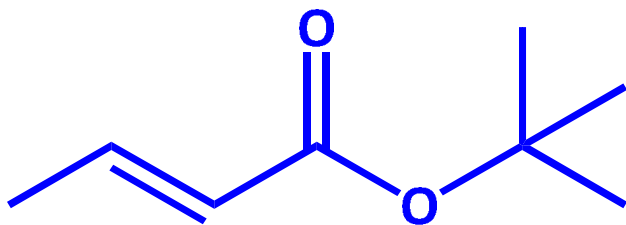
IUPAC names for esters are derived by first citing the group derived from the alcohol, followed by the group derived from the carboxylic acid (with the ending **-ate** or **-oate**). They are named as **Alkyl carboxylates** - **Alkyl** from the alcohol, **Carboxylate** from the carboxylic acid precursor.



Ethyl acetate (Ethyl ethanoate)



Methyl *p*-chlorobenzoate



1,1-Dimethylethyl *E*-2-butenate