



If the organic compound contains a functional group, multiple bonds, side chain or substituents, the following order of preference must be followed,

Functional group > Double bond > Triple bond > Side chain

The following order of preference is used for selecting the principal functional group:

Carboxylic acids > sulphuric acids > acid anhydrides > esters > acid chlorides > amides > nitriles
> aldehydes > ketones > alcohols > amines > imines > ethers > alkenes > alkynes.