

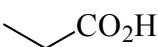
## Carboxylic acid nomenclature

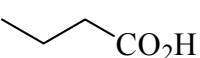
Classical names:

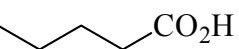
### Prefix

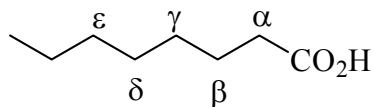
form       $\text{HCO}_2\text{H}$

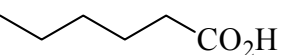
acet       $\text{CH}_3\text{CO}_2\text{H}$

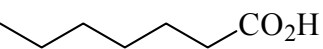
propion      

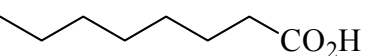
butyr      

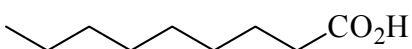
valer      

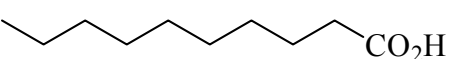


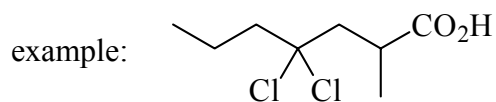
capro      

enanth      

capryl      

pelargon      

capr      



**$\gamma,\gamma$ -dichloro- $\alpha$ -methylenanthic acid**

IUPAC: **4,4-dichloro-2-methylheptanoic acid**

## Dicarboxylic acids

oxalic acid      $\text{HO}_2\text{CCO}_2\text{H}$

malonic acid      $\text{HO}_2\text{CCH}_2\text{CO}_2\text{H}$

succinic acid      $\text{HO}_2\text{CCH}_2\text{CH}_2\text{CO}_2\text{H}$

glutaric acid      $\text{HO}_2\text{CCH}_2\text{CH}_2\text{CH}_2\text{CO}_2\text{H}$

adipic acid      $\text{HO}_2\text{CCH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{CO}_2\text{H}$

pimelic acid      $\text{HO}_2\text{CCH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{CO}_2\text{H}$