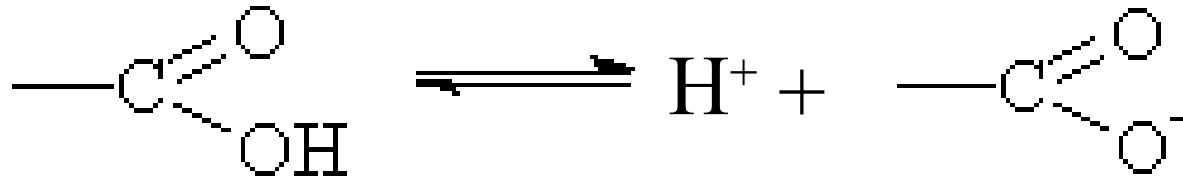
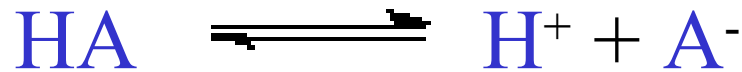
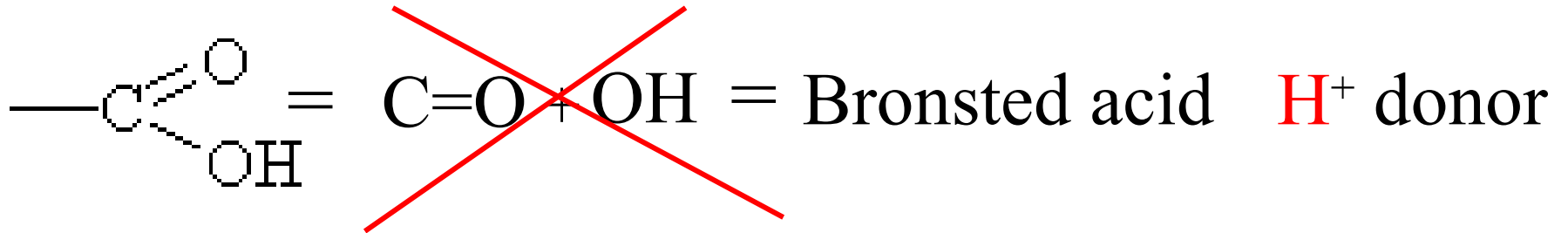


Carboxylic Acids

Chemical properties



weak acids, small dissociation

$$K_a = \frac{[\text{A}^-][\text{H}^+]}{[\text{HA}]} \quad K_a \approx 1 \times 10^{-5} \quad \text{pH} \approx 2.5 \text{ for } 1\text{M}$$