

# Carboxylic Acids

acidity also affects solubility

short chain acids

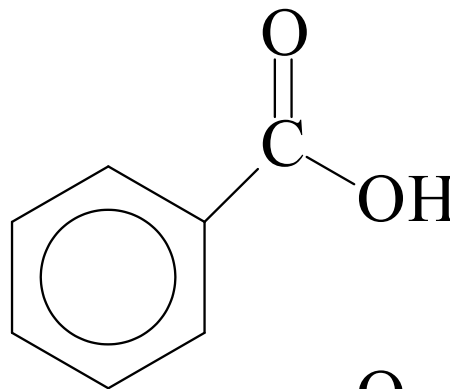


soluble

H-bonding

long chain acids

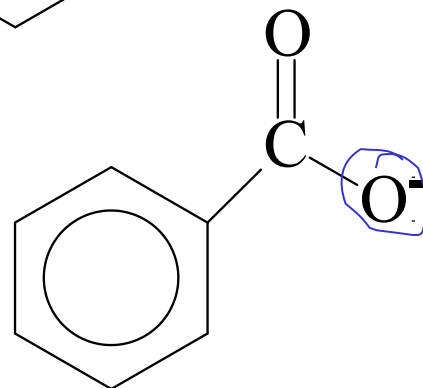
benzoic acid



insoluble

LDF

add a strong base ( $\text{OH}^-$ )



soluble

ion-dipole