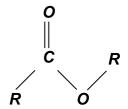


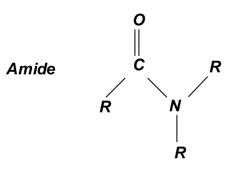
Carboxylic Acid

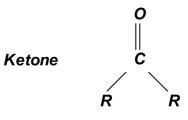
Ester



Alkyne 
$$R - C = C - R$$

Ether





Amine

Nitrile

$$R-c = N$$

Thiol