$$R$$
 $-OH$

Alcohol



Aromatic

Aldehyde



Carboxylic acid

$$\begin{array}{ccc}
R & R \\
C = C \\
R & R
\end{array}$$

Alkene

Ester

$$R-C=C-R$$

Alkyne

R-O-R

Ether

Amide

Ketone

Amine

R-SH

Thiol