Alcohol R-OH

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

Amide
$$\begin{pmatrix} O \\ \parallel \\ C \\ N \end{pmatrix} R$$

Amine
$$R-N \stackrel{R}{\stackrel{}{\stackrel{}{\sim}}} R$$

Nitrite
$$R-C = N$$
Thiol $R-SH$