$$OOD$$
  $OOD$   $OOD$ 

$$H_0$$
 +  $O$   $OH$   $OH$ 

$$\begin{array}{c} OH \\ \longrightarrow \\ HO \end{array}$$

$$_{\text{H}_{0}}$$
 +  $_{\text{OH}}$   $_{\text{OH}}$   $_{\text{H}_{0}}$  +  $_{\text{OH}}$   $_{\text{H}_{0}}$  +  $_{\text{OH}}$   $_{\text{OH}}$   $_{\text{OH}}$   $_{\text{OH}}$ 

$$\begin{array}{c} OH \\ \longrightarrow \\ HO \end{array}$$

$$_{\circ}$$
 +  $_{\circ}$   $_{\circ}$ 

$$\begin{array}{c} OH \\ \hline \\ O \\ \hline \\ O \\ \end{array}$$

$$\begin{array}{c} OH \\ \longrightarrow \\ OH \\$$

$$H_{0}$$
 +  $O$   $OH$   $OH$ 

$$\begin{array}{c} OH \\ \longrightarrow \\ HO \end{array}$$

$$_{\text{H}_{0}}$$
 +  $_{\text{OH}}$   $_{\text{$ 

$$\begin{array}{c} OH \\ \rightarrow \\ OH \\$$

$$HCI \quad + \quad \begin{array}{c} OH \\ HO \end{array} \qquad \begin{array}{c} OH \\ OH \end{array} \qquad \begin{array}{c} OH \\ O$$

$$\begin{array}{c} OH \\ \longrightarrow \\ HO \end{array}$$

$$HCI$$
 +  $HO$   $OH$   $\rightarrow$   $H_{2}O$  +  $CI$   $OH$ 

$$\begin{array}{c} OH \\ \rightarrow \\ HO \end{array}$$

$$\begin{array}{c} OH \\ O \\ HO \end{array}$$

$$\begin{array}{c} OH \\ \longrightarrow \\ HO \end{array}$$

$$_{\text{H,O}}$$
 +  $_{\text{OH}}$   $_{\text{OH}}$   $_{\text{OH}}$   $_{\text{OH}}$ 

$$\begin{array}{c} OH \\ O \end{array}$$

$$\begin{array}{c} OH \\ \longrightarrow \\ HO \end{array}$$

$$\begin{array}{c} OH \\ \rightarrow \\ OH \\$$

$$\begin{array}{c} OH \\ OH \\ OH \end{array}$$

$$\begin{array}{c} OH \\ \longrightarrow \\ HO \end{array}$$

$$_{NH_3}$$
 +  $_{HO}$  +  $_{HO}$  +  $_{H_2O}$  +  $_{H_3O}$  +  $_{H_3O}$  +  $_{O}$ 

$$OH$$
 + HO—OH  $\rightarrow$  HO OH + O—O

$$\begin{array}{c} OH \\ \longrightarrow \\ HO \end{array}$$

$$O + HO \longrightarrow OH \longrightarrow OH + O \longrightarrow OH$$

$$_{\text{H,O}}$$
 +  $_{\text{OH}}$   $\rightarrow$   $_{\text{OH}}$   $\rightarrow$   $_{\text{OH}}$ 

$$\begin{array}{c} OH \\ \rightarrow \\ HO \end{array}$$

$$_{\text{HO}}$$
 +  $_{\text{OH}}$   $_{\text{OH}$ 

$$\begin{array}{c} OH \\ \longrightarrow \\ HO \end{array}$$

$$\begin{cases} 1 & \text{if } 1 & \text{i$$

$$\begin{array}{c} OH \\ \rightarrow \\ HO \end{array}$$

$$OODD$$
  $OODDD$   $OODDD$ 

$$\begin{array}{c} OH \\ \longrightarrow \\ HO \end{array}$$

$$\begin{array}{c} OH \\ \longrightarrow \\ HO \end{array}$$

$$\begin{array}{c} OH \\ \longrightarrow \\ HO \end{array}$$

$$\begin{array}{c} \begin{array}{c} \\ \\ \\ \\ \\ \end{array} \end{array} \hspace{1cm} \begin{array}{c} \\ \\ \\ \end{array} \hspace{1cm} \begin{array}{c} \\\\ \\ \end{array} \hspace{1cm} \begin{array}{c} \\\\ \\ \end{array} \hspace{1cm} \begin{array}{c} \\\\\\ \end{array} \hspace{1cm} \begin{array}{c} \\\\\\\\ \end{array} \hspace{1cm} \begin{array}{c} \\\\\\\\\\\\\end{array} \hspace{1cm} \begin{array}{c} \\\\\\\\\\\\\\\end{array} \hspace{1cm} \begin{array}{c} \\\\\\\\\\\\\\\end{array} \hspace{1cm} \begin{array}{c} \\\\\\\\\\\\\\\end{array} \hspace{1cm} \begin{array}{c} \\\\\\\\\\\\\\\end{array} \hspace{1cm} \begin{array}{c}\\\\\\\\\\\\\\\end{array} \hspace$$

$$_{\text{H}_{0}}$$
 +  $_{\text{OH}}$   $_{\text{OH}}$   $_{\text{OH}}$