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

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

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

$$\begin{array}{c} O \\ + \\ NH_{2} \end{array} \begin{array}{c} O \\ HO \end{array} \begin{array}{c} O$$

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

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

$$\begin{array}{c} O \\ + \text{ NM}, + \text{ HO} \\ O \\ \end{array} \\ \begin{array}{c} O \\ \text{HO} \\ \end{array} \\ \begin{array}{c} O \\ \end{array} \\$$

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

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

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

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

$$+$$
 HO—OH \rightarrow HO NH₂ + O=C

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

HO NH₂ + HO OH
$$\rightarrow$$
 HO OH \rightarrow HO O

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

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

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

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

$$+$$
 HO OH \rightarrow HO OO $+$ O OO

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

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

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

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

$$+ \bigvee_{HO}^{NH_2} \longrightarrow \bigvee_{HO}^{OH} \longrightarrow \bigvee_{HO}^{OH$$

$$HO$$
 NH_2
 HN
 NH_3
 $+$
 O
 HN

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

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

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

$$+ NI_{3} + NI_{4} + NI_{5} +$$

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

$$\begin{array}{c} O \\ + \\ NH_2 \end{array} \begin{array}{c} O \\ HO \end{array} \begin{array}{c} O \\$$

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

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

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

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