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

$$OH \rightarrow OH \rightarrow OC = O$$

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

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