

$$\begin{array}{c}
 \text{id}_Y \otimes \text{coev}_X \\
 \xrightarrow{\quad} \\
 Y \otimes X \otimes X \quad \vee \\
 \xrightarrow{\quad} \\
 Z \otimes X \otimes X \quad \vee \\
 \xrightarrow{\quad} \\
 Z \otimes X \otimes X \quad \vee \\
 \xrightarrow{\quad} \\
 Z
 \end{array}$$