$$\begin{array}{c}
\lambda^{-1} \downarrow \\
I \otimes C^* \xrightarrow{\eta} (C^* \otimes C) \otimes C^* \xrightarrow{\alpha} C \otimes (C \otimes C^*) \xrightarrow{\epsilon} C^* \otimes I
\end{array}$$