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