$$
\begin{array}{ccc}
C^* & =\!\!=\!\!=\!\!=\!\!=\!\!=\!\!=\!\!= & C^* \\
{\scriptstyle \lambda^{-1}}\big\downarrow & & \big\uparrow{\scriptstyle \rho} \\
I \otimes C^* \xrightarrow[\eta]{} (C^* \otimes C) \otimes C^* \xrightarrow[\alpha]{} C \otimes (C \otimes C^*) \xrightarrow[\epsilon]{} C^* \otimes I
\end{array}
$$