$$\begin{array}{ccc}
(X \otimes \mathbf{1}) \otimes Y & \xrightarrow{\mathrm{as}_{X,\mathbf{1},Y}} & X \otimes (\mathbf{1} \otimes Y) \\
& & \\
\mathrm{ru}_X \otimes \mathrm{id}_Y \searrow & & \swarrow \mathrm{id}_X \otimes \mathrm{lu}_Y \\
& X \otimes Y &
\end{array}$$