$$(X \otimes \mathbf{1}) \otimes Y \xrightarrow{\operatorname{as}_{X,\mathbf{1},Y}} X \otimes (\mathbf{1} \otimes Y)$$

$$\operatorname{ru}_{X} \otimes \operatorname{Id}_{Y} \xrightarrow{X \otimes Y} \operatorname{Id}_{X} \otimes \operatorname{lu}_{Y}$$