$$\mathbf{1} \xrightarrow{\text{coev}_X} X \otimes X^{\vee} \xrightarrow{f \otimes \text{id}_{X^{\vee}}} X \otimes X^{\vee} \xrightarrow{\text{br}} X^{\vee} \otimes X \xrightarrow{\text{ev}_X} \mathbf{1}$$