$$(c \otimes d) \otimes e \xrightarrow{\operatorname{br}_{c,d} \otimes \operatorname{Id}_{e}} (d \otimes c) \otimes e \xrightarrow{\operatorname{as}_{d,c,e}} d \otimes (c \otimes e)$$

$$\downarrow \operatorname{Id}_{d} \otimes \operatorname{br}_{c,e}$$

$$c \otimes (d \otimes e) \xrightarrow{\operatorname{br}_{c,d \otimes e}} (d \otimes e) \otimes c \xrightarrow{\operatorname{as}_{d,e,c}} d \otimes (e \otimes c)$$

 $\operatorname{as}_{c,d,e}$