

$$\begin{array}{ccc}
F(A) \odot \left(F(B) \odot F(C) \right) & \xrightarrow{\alpha} & \left(F(A) \odot F(B) \right) \odot F(C) \\
\downarrow 1 \odot \varphi & & \downarrow \varphi \odot 1 \\
F(A) \odot F(B \otimes C) & & F(A \otimes B) \odot F(C) \\
\downarrow \varphi & & \downarrow \varphi \\
F\left(A \otimes \left(B \otimes C \right) \right) & \xrightarrow{F(\alpha)} & F\left(\left(A \otimes B \right) \otimes C \right)
\end{array}$$