(A)
$$CI \xrightarrow{\alpha_{a}} I$$

$$\beta_{r} || \alpha_{r} \qquad \beta_{r} || \alpha_{r}$$

$$C \xrightarrow{\alpha_{a}} O$$
(B)
$$CI_{1} \xrightarrow{\alpha'_{a}} CI_{2} \xrightarrow{\alpha_{a}} I$$

$$\beta_{r} || \alpha_{r} \qquad \beta_{r} || \alpha_{r} || \alpha_{r} \qquad \beta_{r} || \alpha_{r} \qquad \beta_{r} || \alpha_{r} || \alpha_{r} \qquad \beta_{r} || \alpha_{r} || \alpha_{r} \qquad \beta_{r} || \alpha_{r} || \alpha$$