1. Propose a mechanism for this transformation.

2. Propose a mechanism for each product.

$\left[\mathrm{PtCl}\left(\mathrm{C}_{6} \mathrm{~F}_{5}\right)(\operatorname{cod})\right](10 \mathrm{~mol} \%)$ $\mathrm{P}\left(\mathrm{OCH}_{2} \mathrm{CF}_{3}\right)_{3}(10 \mathrm{~mol} \%)$ p-xylene, $120^{\circ} \mathrm{C}$

$55 \%$


20\%

