



1)
$$H_3C$$
— CH_3 \xrightarrow{Pt} t^0

2) CH_3CHO CH_3CHO CH_3CHO

3)

4)

5)

6)

7)

$$\begin{array}{c}
 & \text{NaNH}_2 \text{ (2M)} \\
 & \text{NH}_3, -33^\circ
\end{array}$$

$$\begin{array}{c}
 & \text{HCl (2M)} \\
 & \text{H}_2\text{O, t}^{\circ}
\end{array}$$