$STRUCTURE-1 + 3\,NaOH \longrightarrow STRUCTURE-2 + 2\,CH_3COONa + H_2O$

 $STRUCTURE\text{-}3 + CH_3COCl \longrightarrow STRUCTURE\text{-}4 + HCl$

 $\text{STRUCTURE-5} \xrightarrow{\text{1 HNO}_3, \, -5 - 0 \, ^{\circ}\text{C}} \text{STRUCTURE-6} \xrightarrow{\text{Fe}} \text{STRUCTURE-7} \xrightarrow{\text{ClCH}_2\text{COCl}} \text{STRUCTURE-8}$