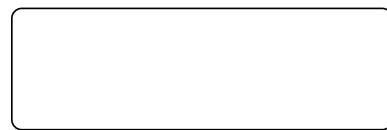


# Worksheet 29

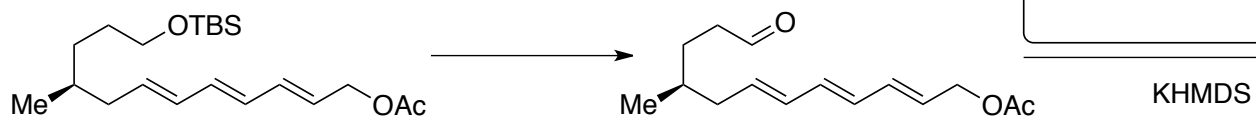
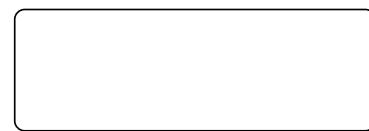


1.

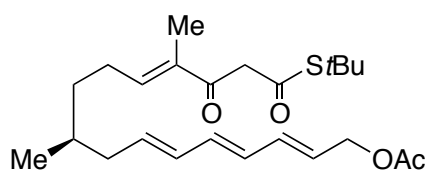


2. DIBAL-H

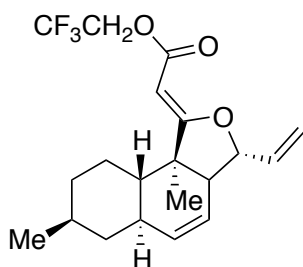
3.



KHMDS



$\text{BF}_3 \cdot \text{Et}_2\text{O}$



$\text{PtBu}_3$ ,  
 $\text{Pd}(\text{OAc})_2$

Kat.

$\text{NEt}_3$ ,  $\text{CF}_3\text{CH}_2\text{OH}$



