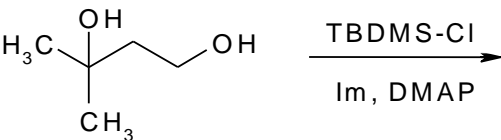
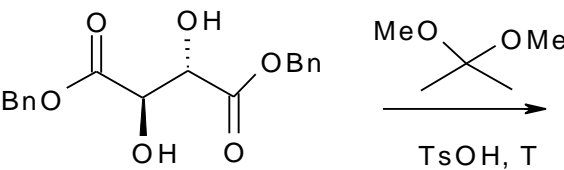
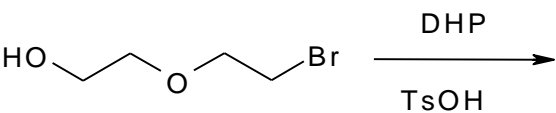


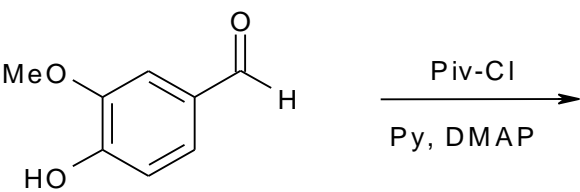
Контрольная работа № 1, Вариант 000

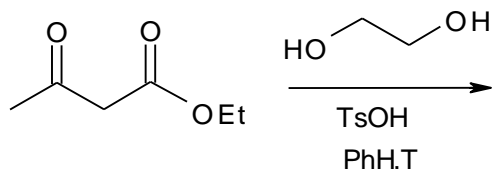
I. Приведите структуру продуктов реакций и методы удаления их защитных групп

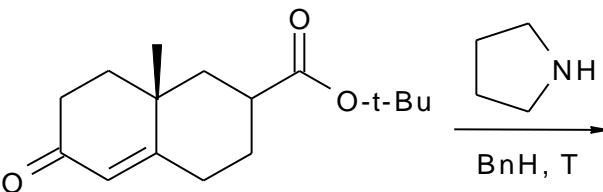
1. 

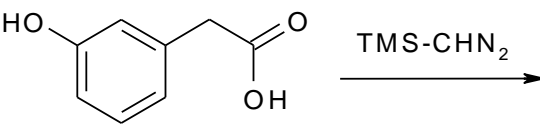
Reaction of 2-methylbutane-1,3-diol with TBDMS-Cl, Im, and DMAP.
2. 

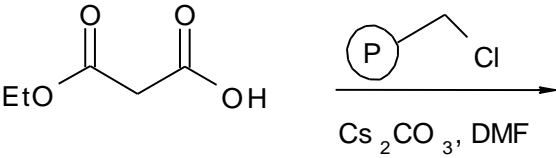
Reaction of a chiral diol with a cyclic acetal reagent (1,3-dioxolane derivative) and TsOH, T.
3. 

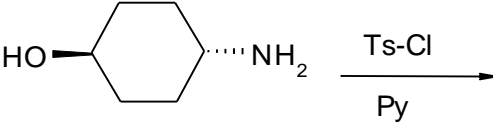
Reaction of 2-(2-bromoethoxy)ethanol with DHP and TsOH.
4. 

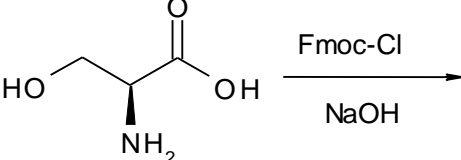
Reaction of 4-methoxy-3-hydroxybenzaldehyde with Piv-Cl, Py, and DMAP.
5. 

Reaction of ethyl acetoacetate with ethane-1,2-diol, TsOH, PhH, and T.
6. 

Reaction of a bicyclic ester with pyrrolidine, BnH, and T.
7. 

Reaction of 3-(4-hydroxyphenyl)propanoic acid with TMS-CHN₂.
8. 

Reaction of ethyl acetoacetate with a phosphonium salt (P⁺Cl⁻) and Cs₂CO₃ in DMF.
9. 

Reaction of trans-2-(aminomethyl)cyclohexanol with Ts-Cl and Py.
10. 

Reaction of 2-amino-3-hydroxypropanoic acid with Fmoc-Cl and NaOH.

II. Заполните схему превращений, приведите методы удаления защитных групп целевого соединения

