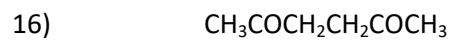
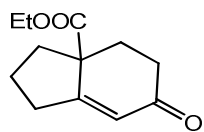


ORGANIC CHEMISTRY, SEMESTER 4

Show retrosynthetic pathway and synthesis of the following compounds:

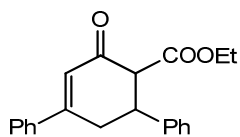


17)



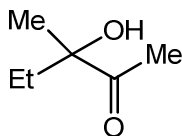
[Hint: via Dieckmann]

18)



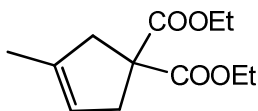
[Hint: From acetophenone and benzaldehyde]

19)

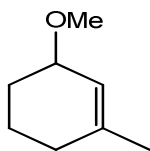


[Hint: From acetylene]

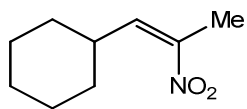
20)



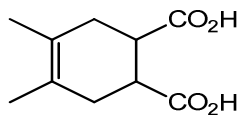
21)



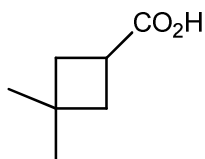
22)



23)

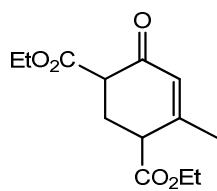


24)

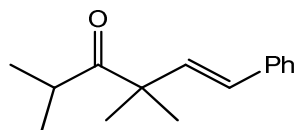


[Hint: From DEM]

25)

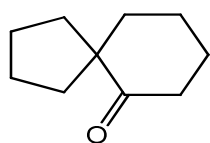


26)

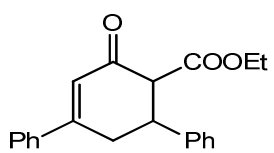


27)

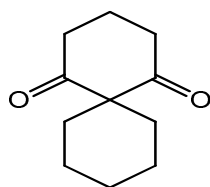
[Hint: via aldol & Wittig]



28)

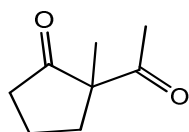


29)

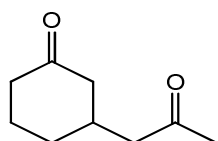


[Hint: From DEM]

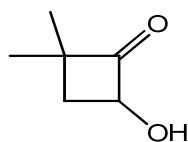
30)



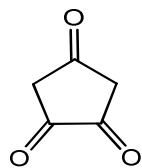
31)



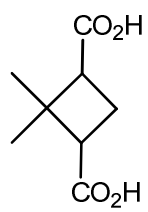
32)



33)



34)



35)

