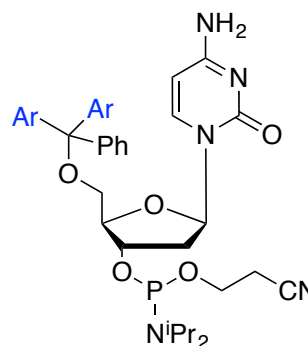
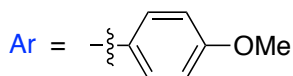
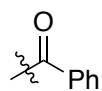


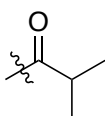
Circle the cyanoethyl group and put a square around the dimethoxytrityl group in the following protected nucleoside.



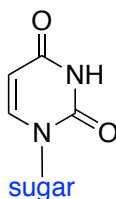
Exocyclic amine groups in the bases **G**, **A**, and **C** must be protected to withstand the conditions of DNA synthesis. Draw the following protected bases in the same style as **T** below (*ie* just show the word “sugar” and draw the base):



benzoyl
Bz



iso-butyryl
CO'Bu



no protection
required

N-Bz C

N-Bz A

N-iso-butyryl G