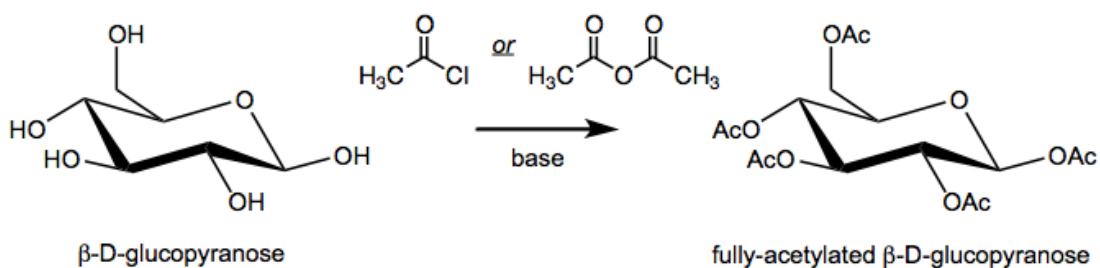


## CONCEPT: MONOSACCHARIDES – ACYLATION

Monosaccharides have the ability to react at the –O position in several different ways.

- Base-promoted reactions with \_\_\_\_\_ or \_\_\_\_\_ form **polyester derivatives**
  - *Pyridine* is the most commonly used base. Acetyl (OAc) groups are the most common carbonyls added

### General Reaction:



### Mechanism:

