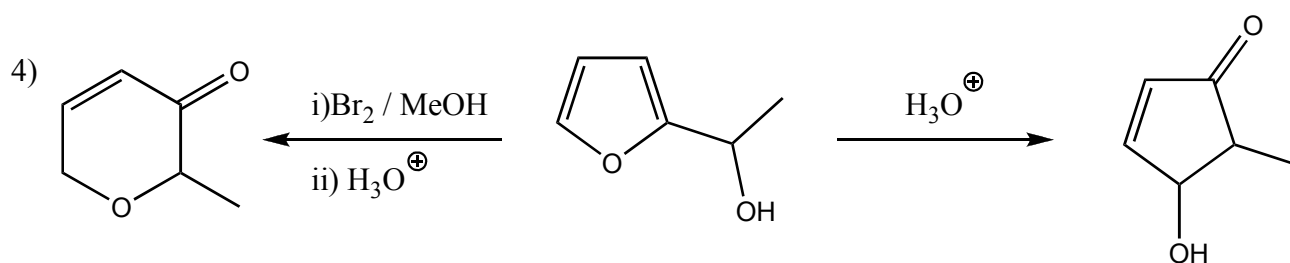
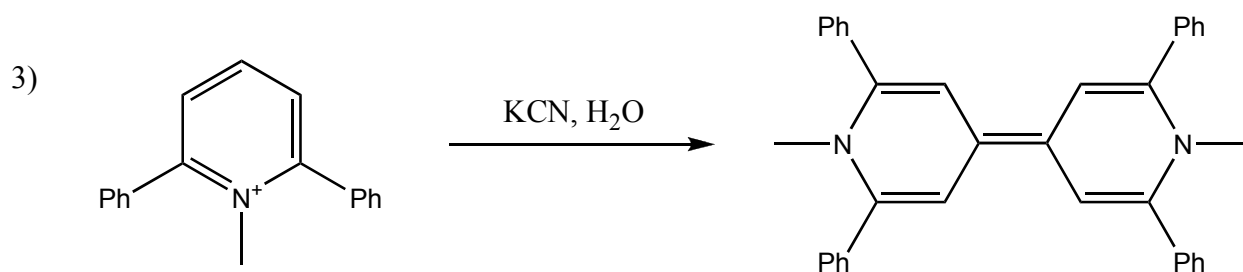
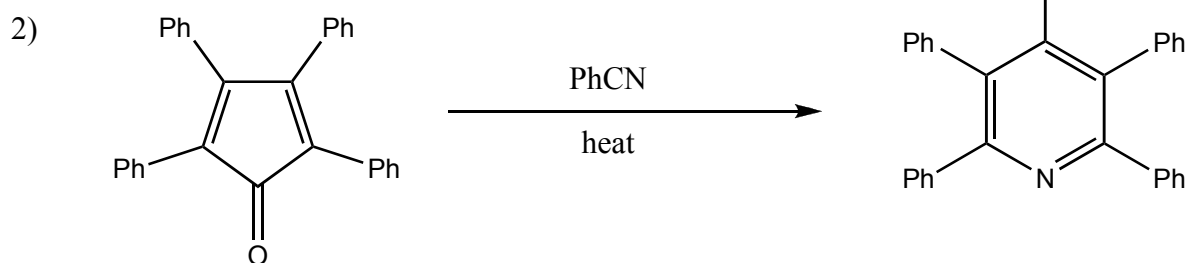
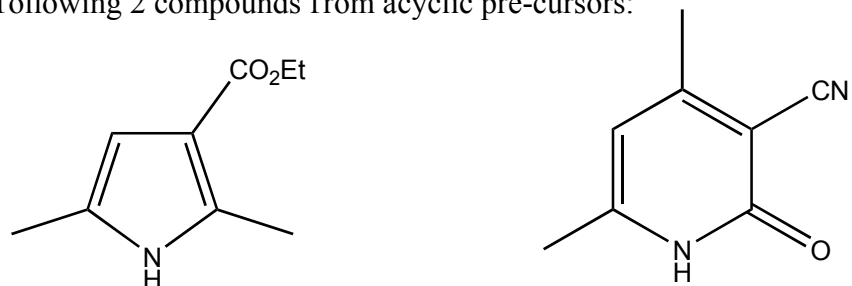


## Ollie's Heterocyclic Problems - Meeting 30/01/09

1) Synthesise the following 2 compounds from acyclic pre-cursors:



5) My favourite:

