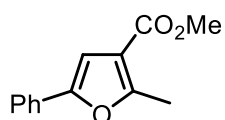


Group problems

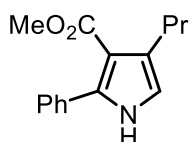
10.05.2022

Pavle Kravljjanac

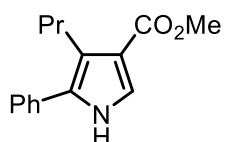
1. Propose a retrosynthesis of the following molecules. Identify the best disconnection based on a substitution pattern and nature of the substituents.



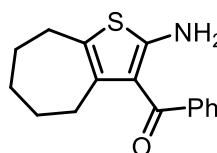
A



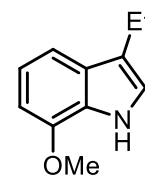
B



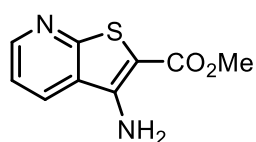
C



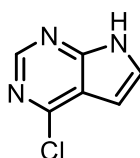
D



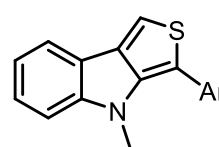
E



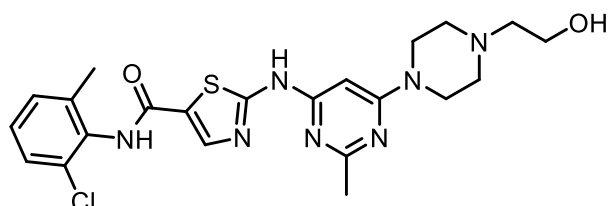
F



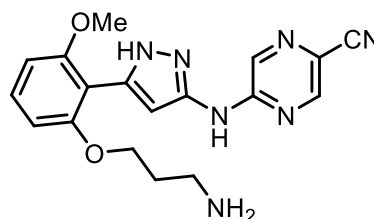
G



H



I



J

Solutions

A: Paal-Knorr

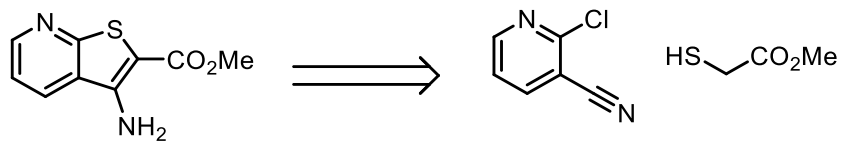
B: Knorr or Hantzsch

C: van Leusen

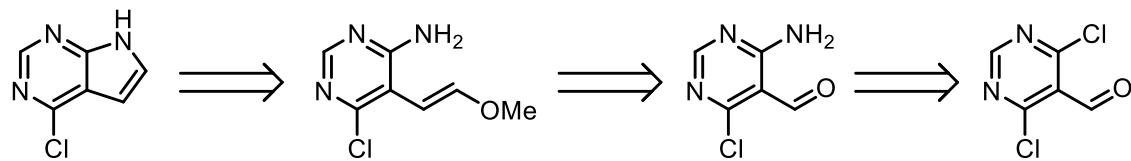
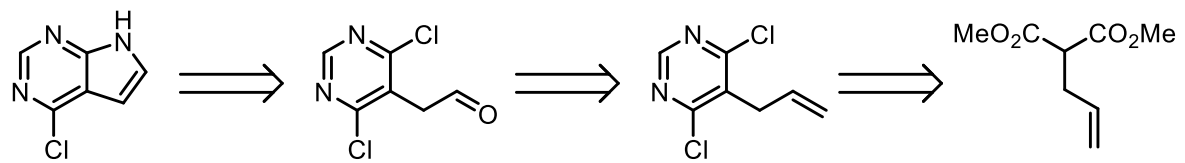
D: Gewald

E: Fischer

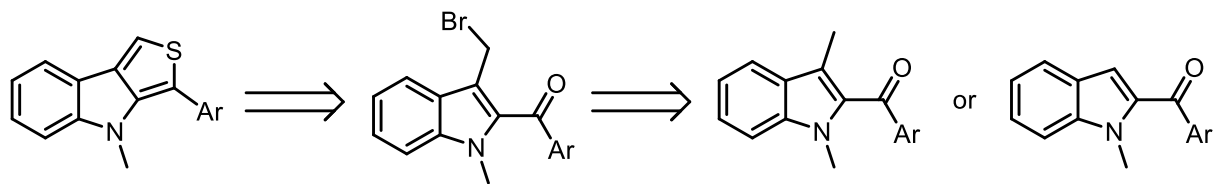
F:



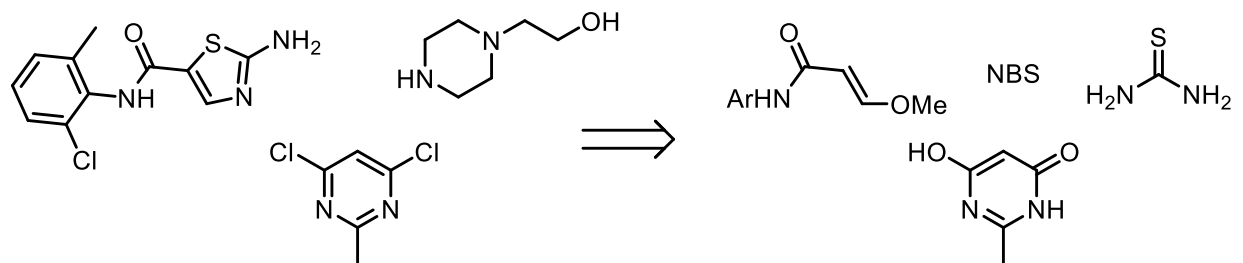
G:



H:



I:



J:

