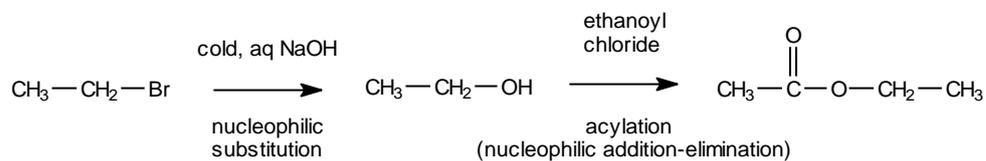




ORGANIC SYNTHESIS PROBLEMS

For each of the following give the synthetic pathway. The first one has been done for you as an example.

1) bromoethane → ethyl ethanoate



2) propene → 2-methylpropylamine

3) chloroethane → ethanoic acid

4) propene → propanone

5) benzene → N-phenylethanamide

6) propenal → 2-bromopropan-1-ol