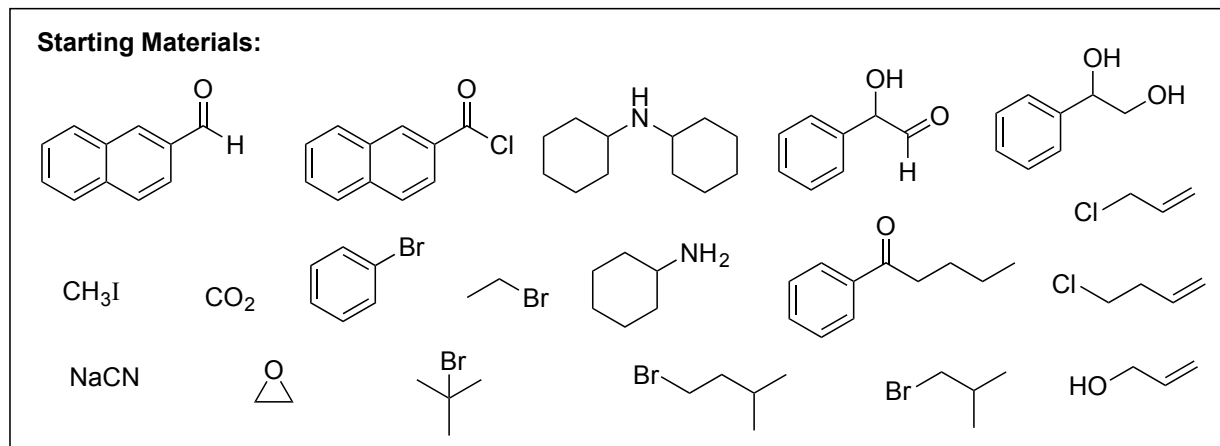


Synthesis Boot Camp
Chapters 19-21

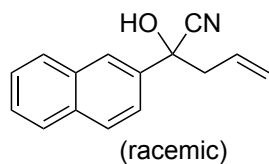
1. Propose syntheses of the targets below.

All carbons must come from the starting materials provided, you can use any reagent you wish.

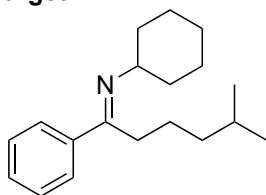
YOU CAN IGNORE STEREOCHEMISTRY.



Target A.

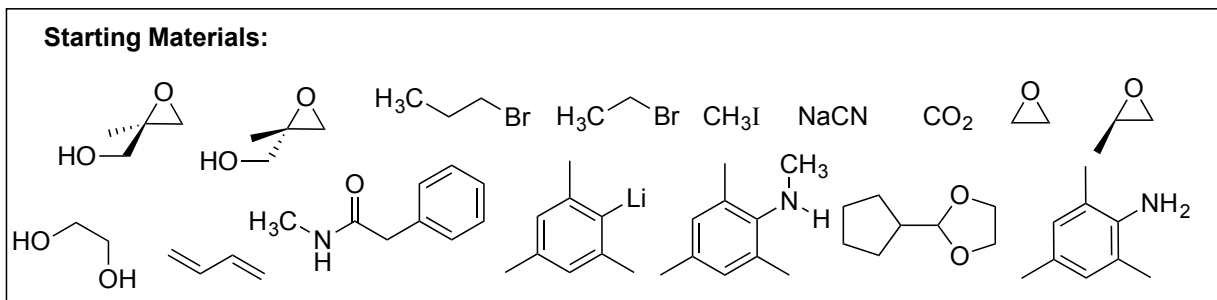


Target B.

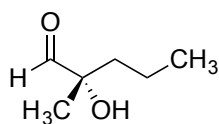


2. Propose syntheses of the targets below.

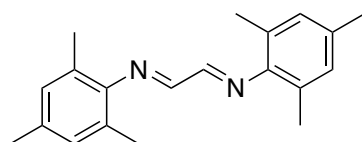
All carbons must come from the starting materials provided, you can use any reagent you wish.



Target A.



Target B.



3. Match the names of the functional groups with labeled examples from the natural products and medicines.

- lactone
- ether
- hemiacetal
- cyanohydrin
- acetal
- aldehyde
- amide
- anhydride

