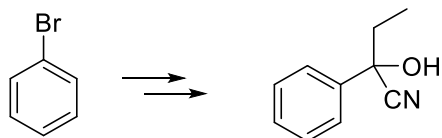


Assignment #2 (Due Before 11:59 PM Feb 14, 2024)

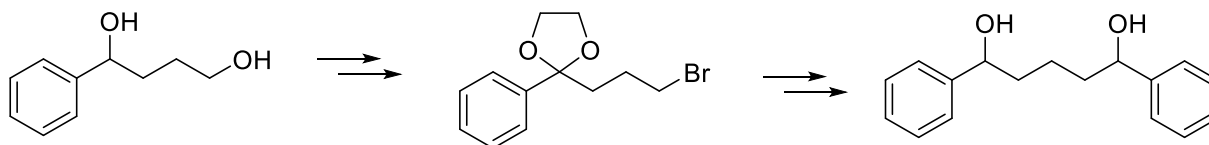
Chem 436 – Spring 2024

1) Propose a multistep synthesis for each of the intermediates / products in the following questions. Show all relevant reagents, solvents, and reaction conditions.

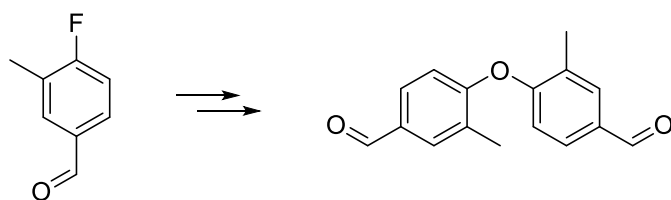
a)



b)



c)



2) Starting from ANY reagent, come up with two multistep reaction sequences that must be at least five steps long. At least two reactions covered in Chem 436 must be used in the sequence.

a)

b)