



2. see non-graded part. Phenylize first, then Wittigize —
If you do it the other way 'round, how ya gonna stick a phenyl on this varmint? Eh?
can't do it. No way, no how.

3. A lactone is just a cyclic ester. so we went through this in class. Start by protonating the carbonyl O.
Then the alcohol -OH adds in... etc. Be sure to write out every step clearly!

