

Massachusetts Institute of Technology

5.13: Organic Chemistry II

8. Synthesize the indicated compounds from the allowed starting materials shown below. All of the carbons of the target compounds should be derived from the allowed starting materials.

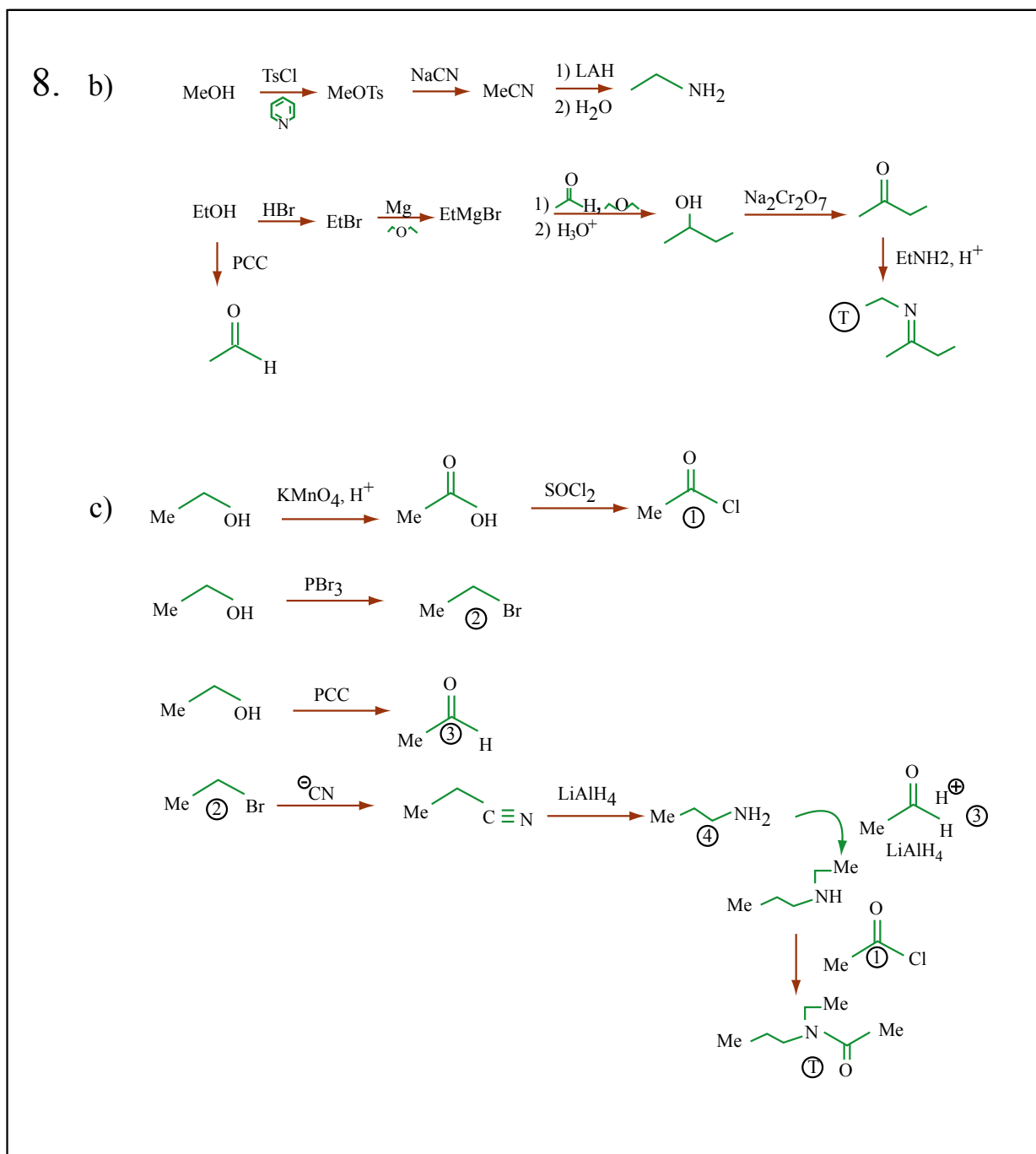


Figure by MIT OCW.

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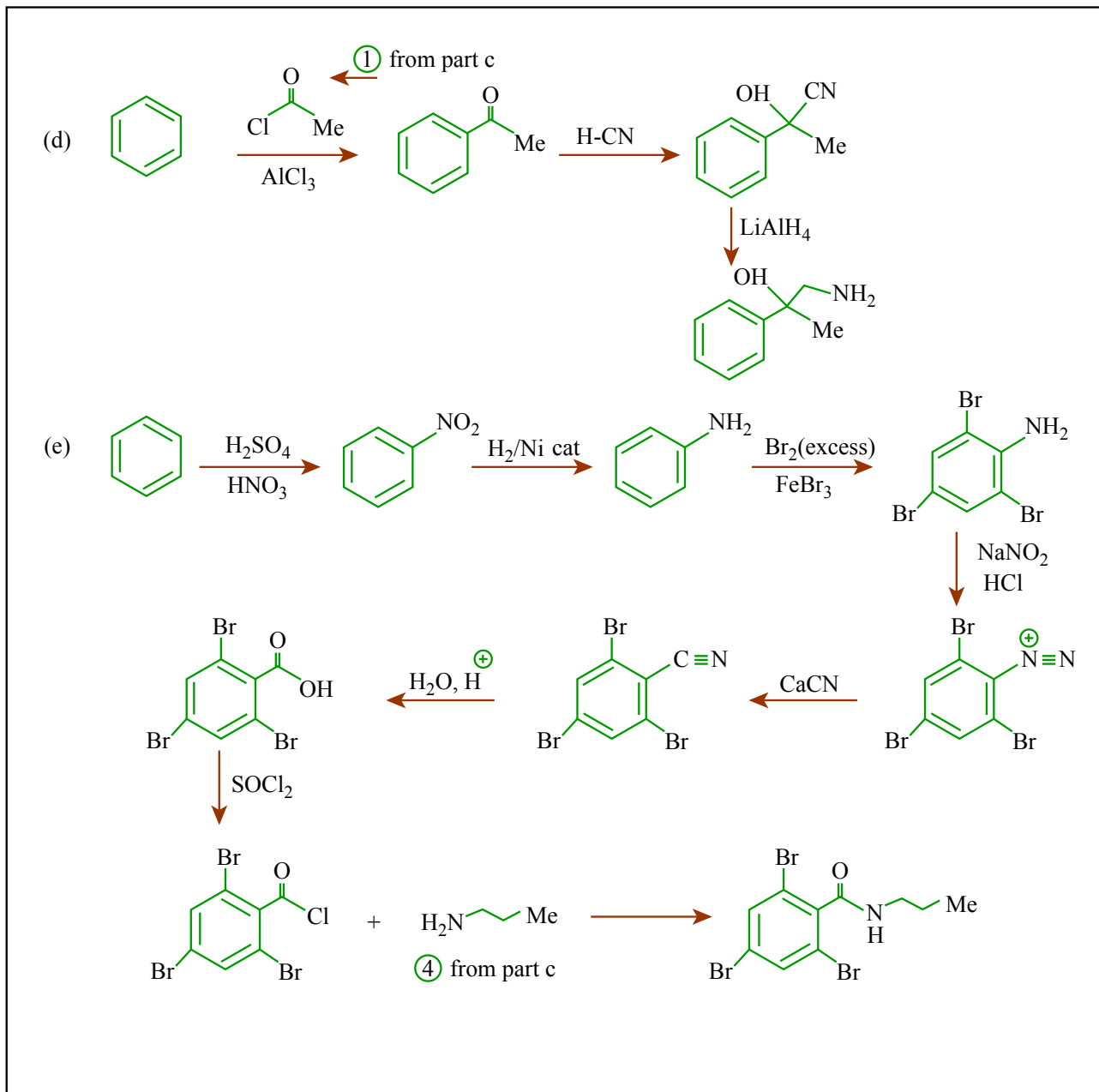


Figure by MIT OCW.