

(3) (12 points) Please provide an efficient synthesis of the indicated target compound. All of the carbons of the target compound must come from ethyl acetate and 1, 5-dibromopentane.

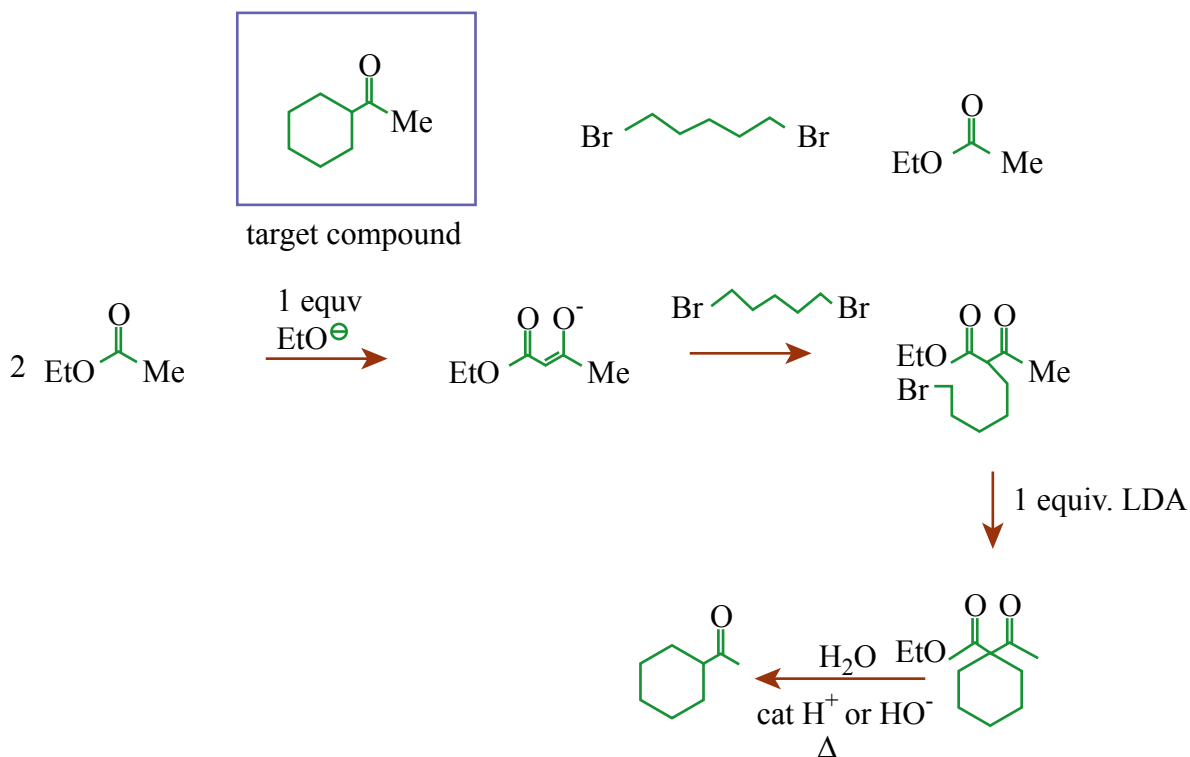


Figure by MIT OCW.