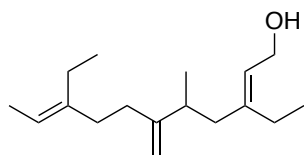
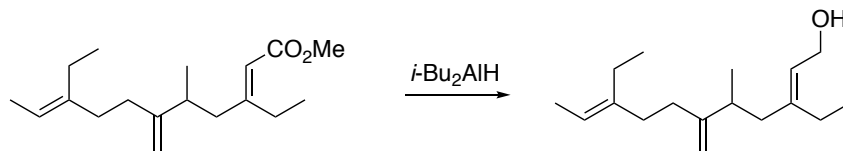
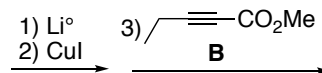
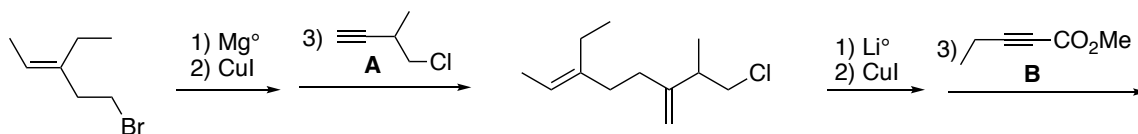
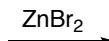
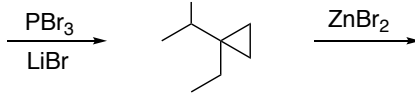
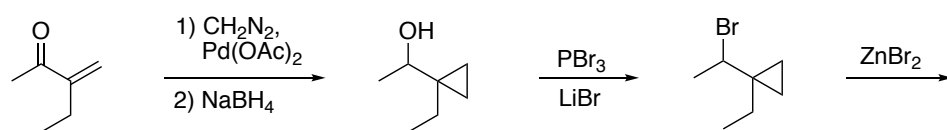


## Alkene Problem Bank – Grande Part A-1: Suggested Answers

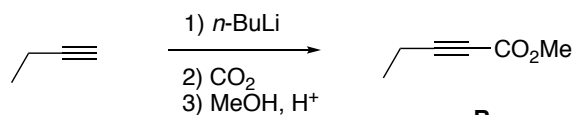
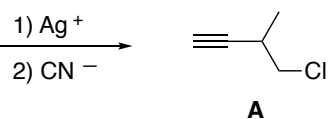
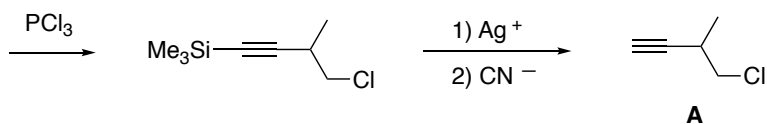
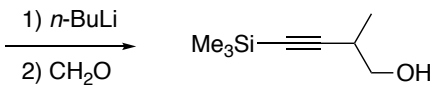
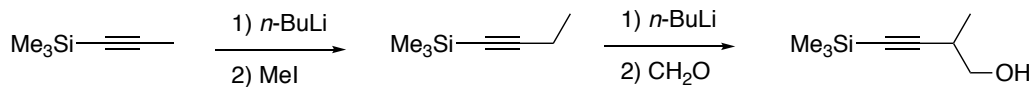
### Problem 1 G



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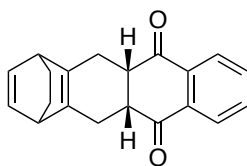


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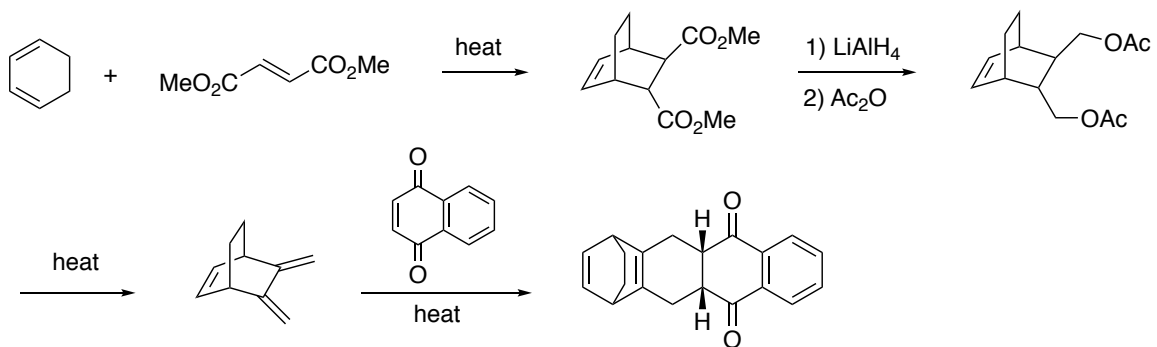


**B**

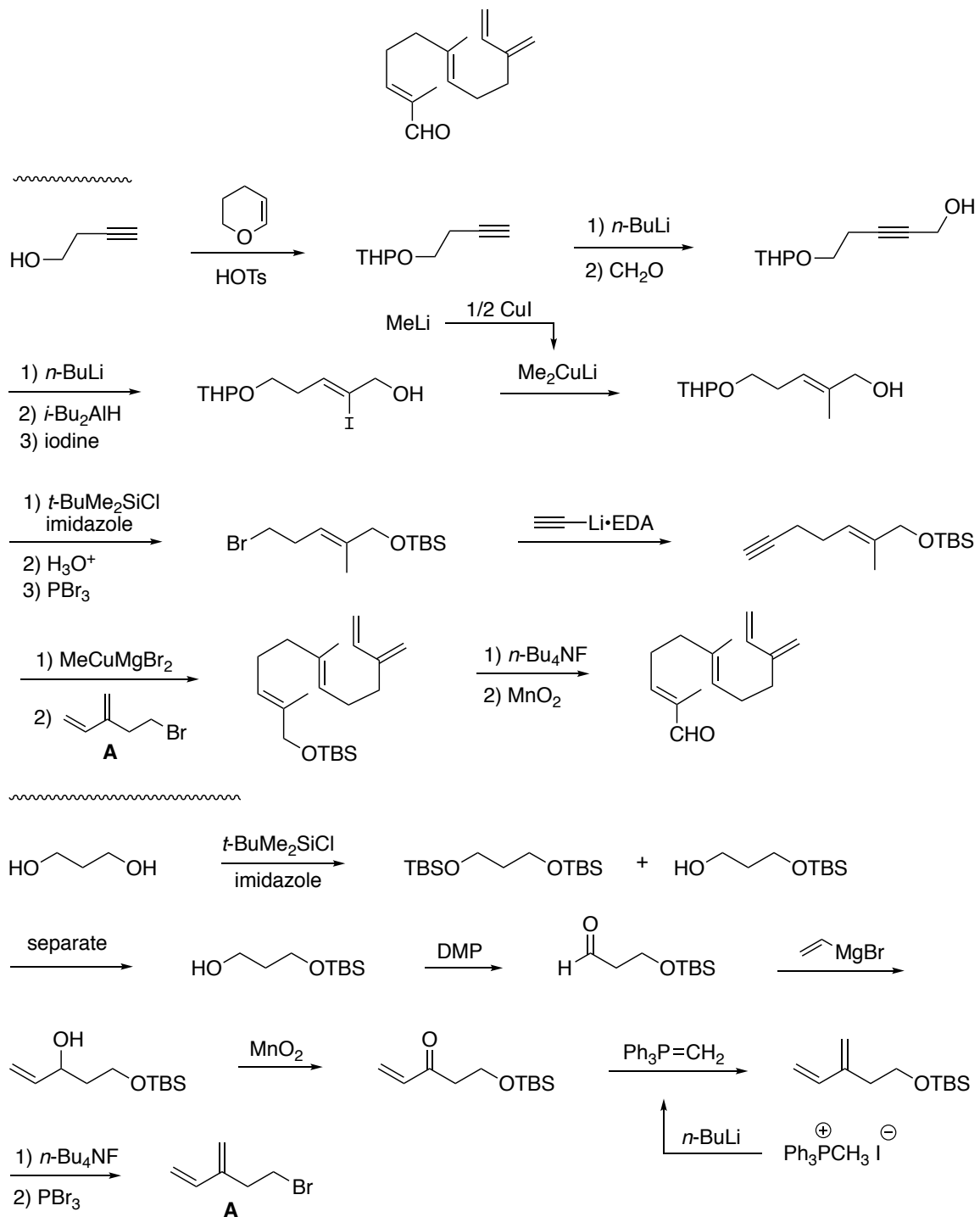
### Problem 11 G



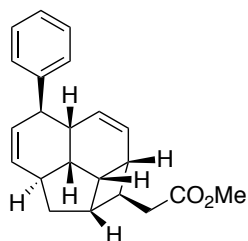
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### Problem 16 G

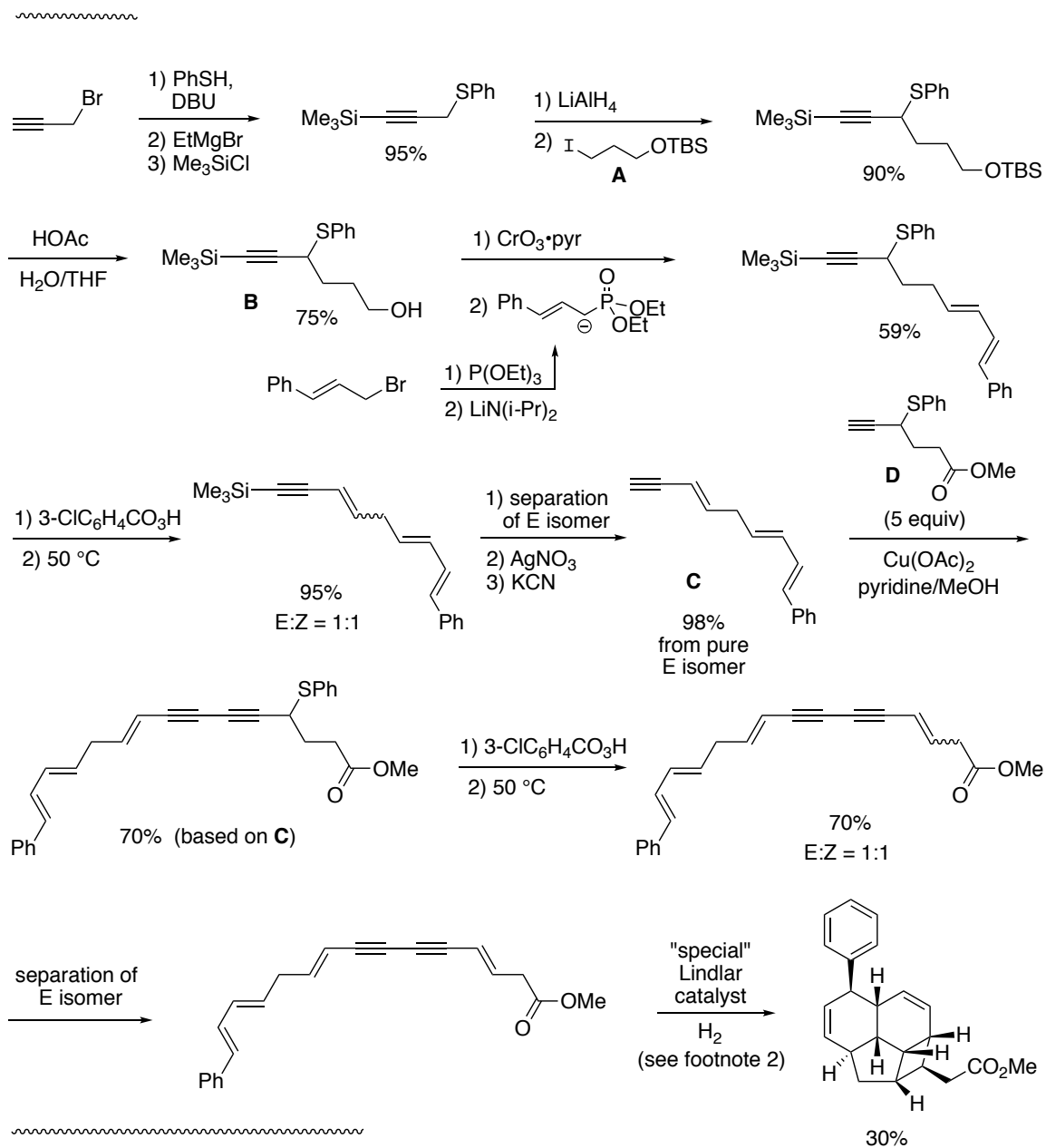


## Problem 18 G

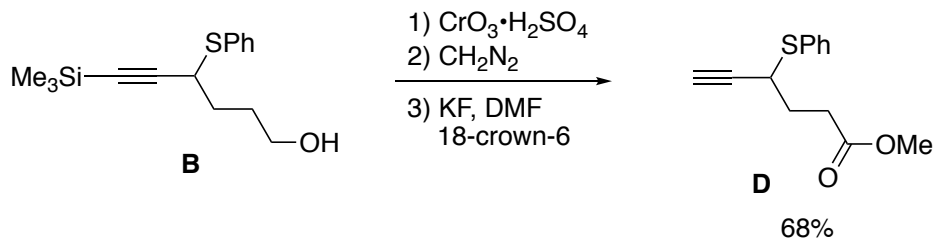
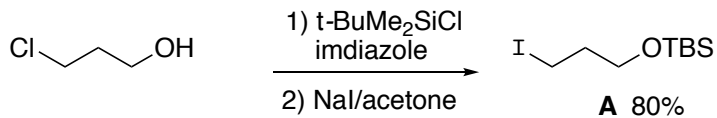


endiandric acid A

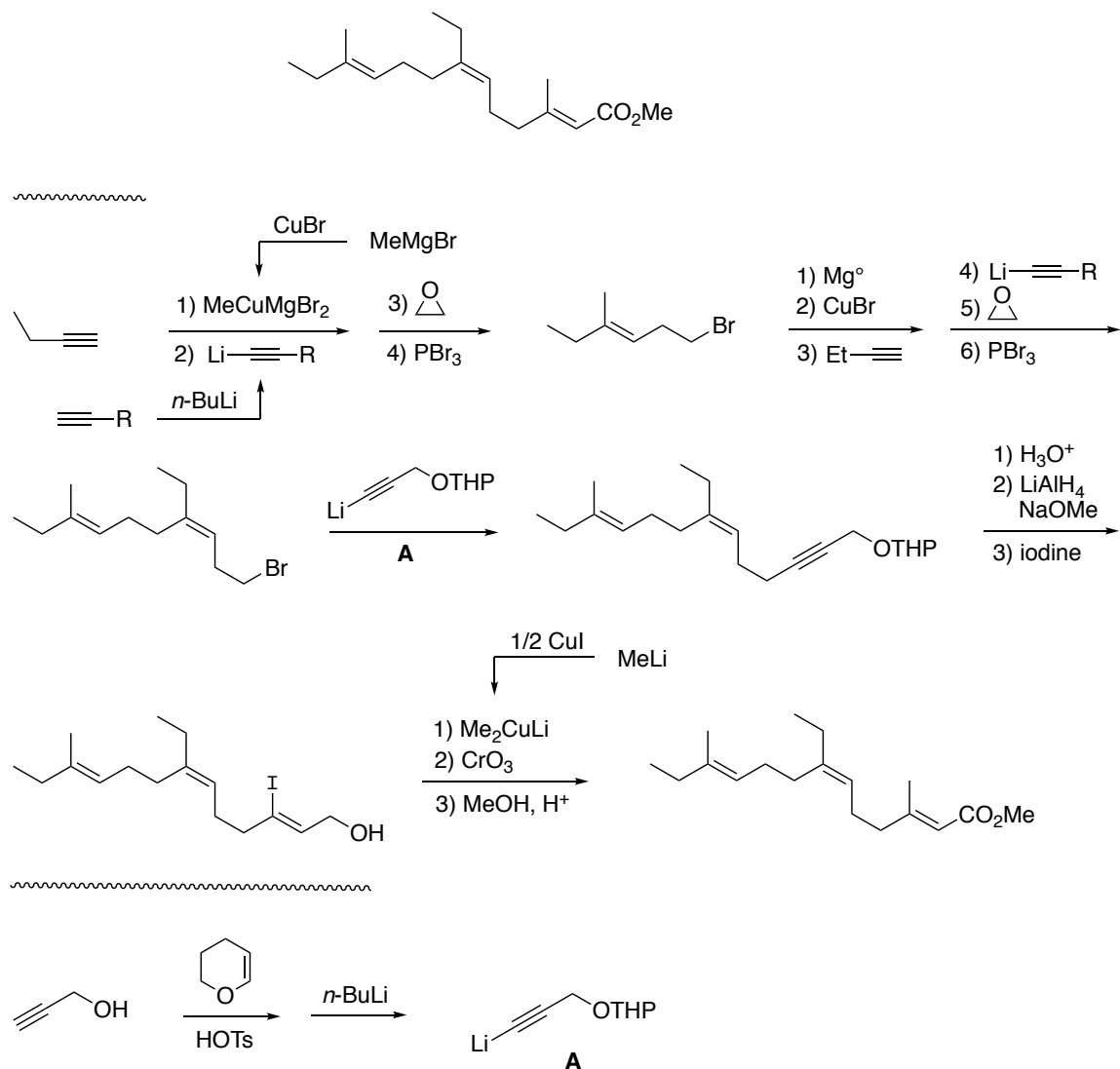
see: *JACS* **1982**, *104*, 5560



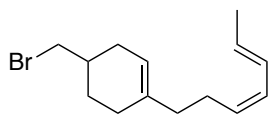
### Problem 18 G continued



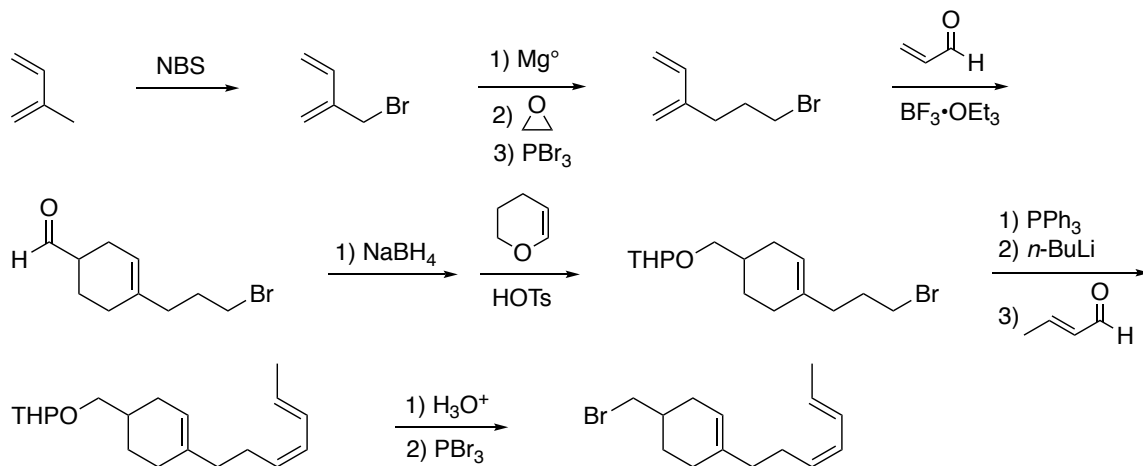
### Problem 30 G



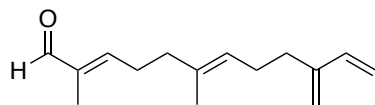
### Problem 31 G



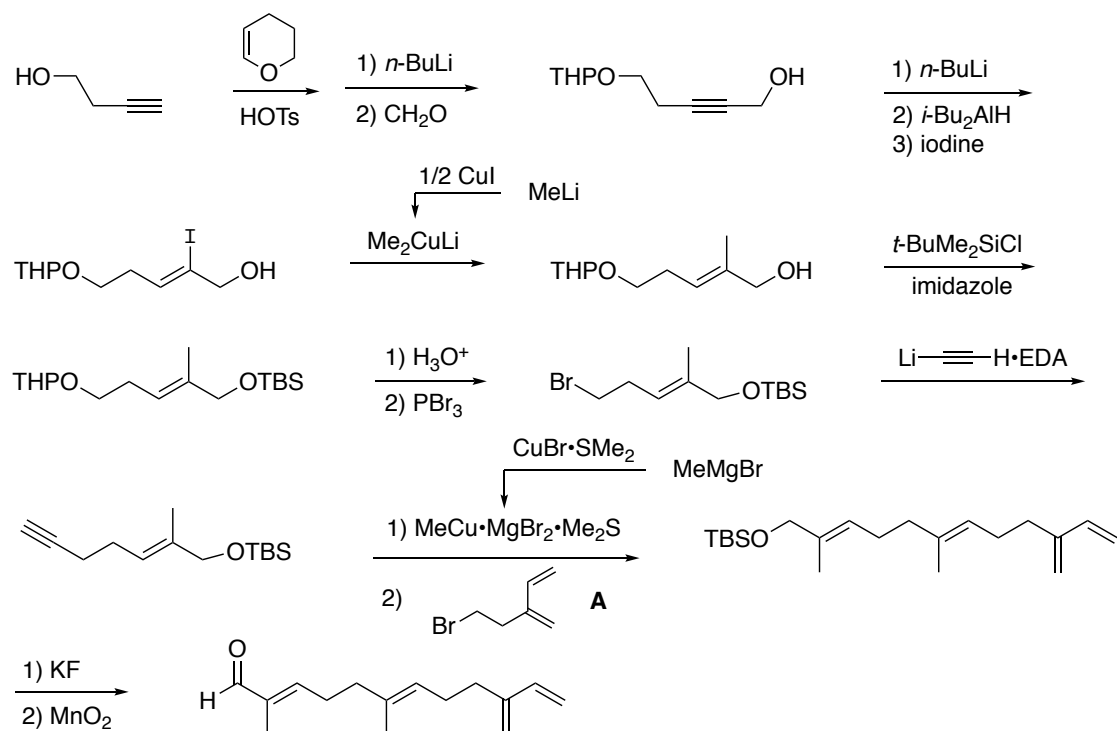
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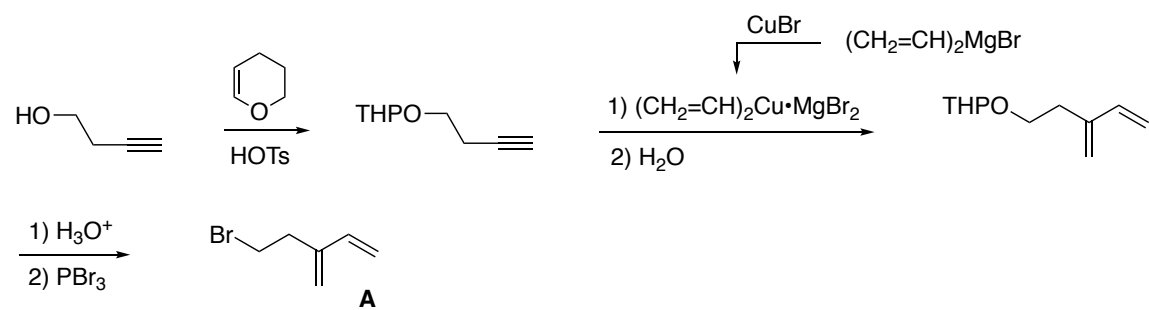
### Problem 40 G



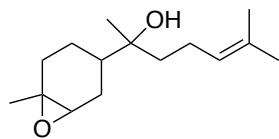
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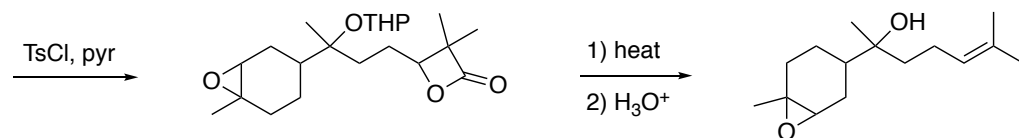
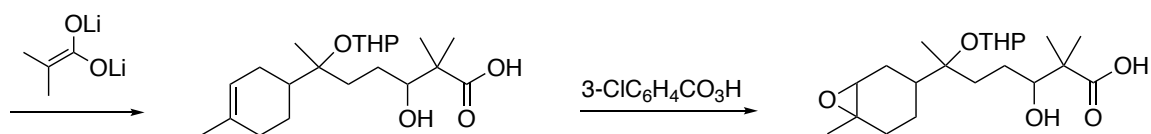
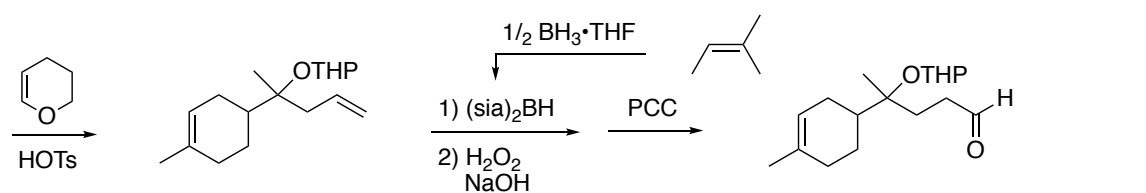
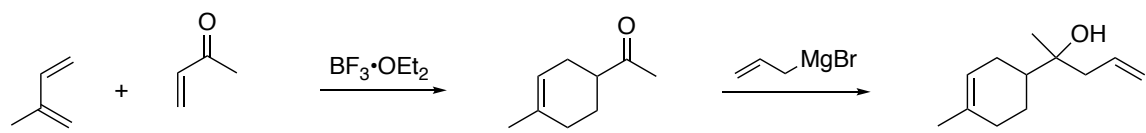


**Problem 43 G**



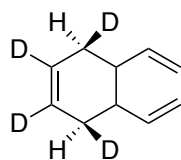
bisabolol oxide

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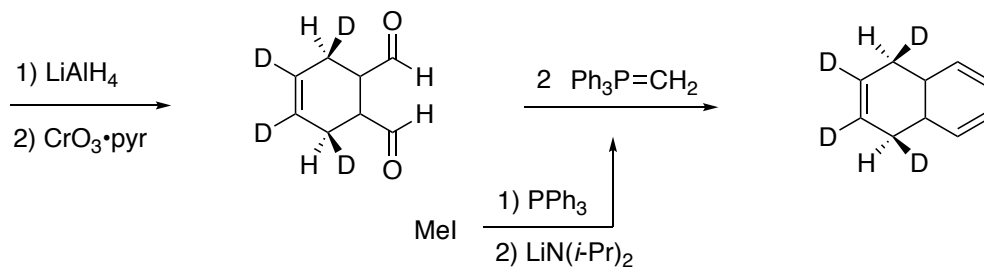
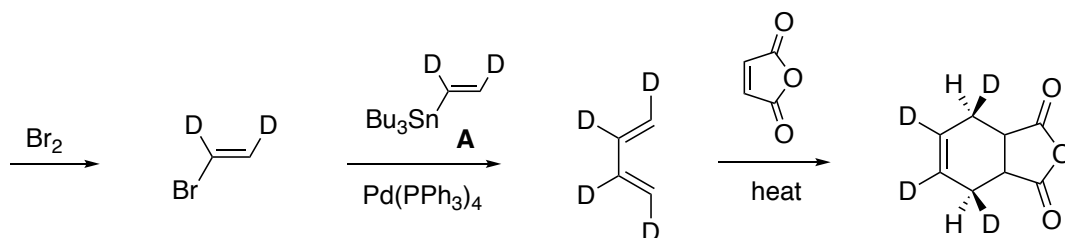
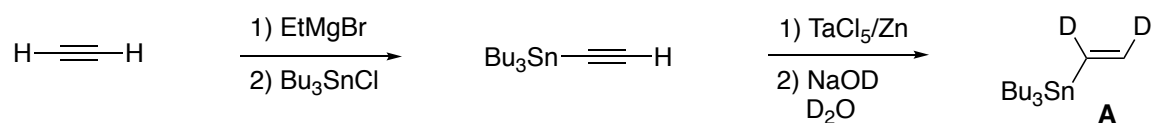




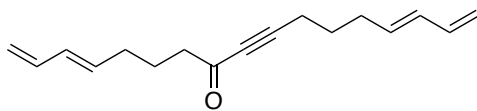
**Problem 54 G**



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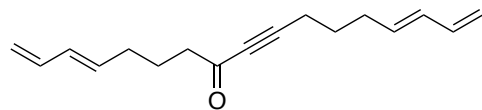
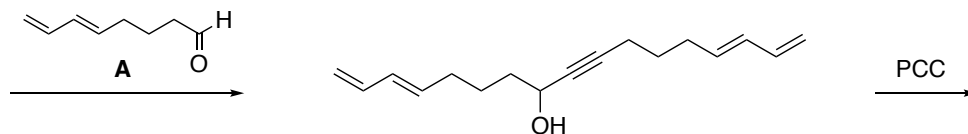
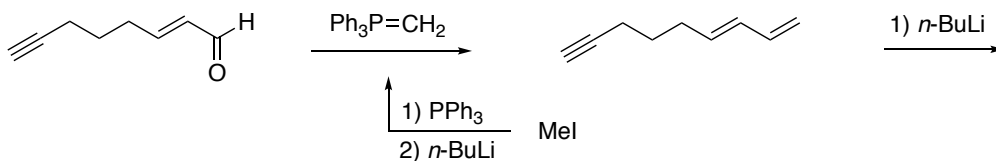
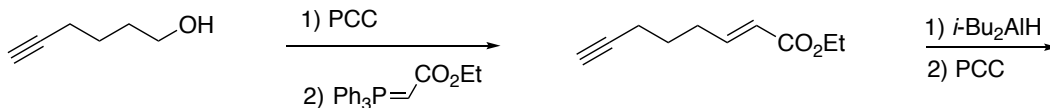


**Problem 77 G**

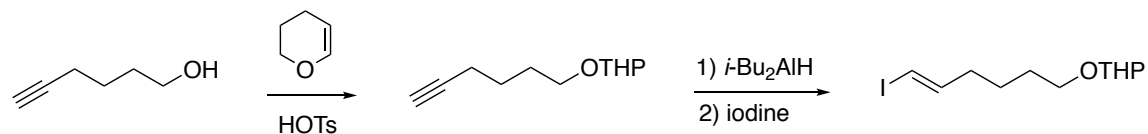


*Tetrahedron Lett.* **1993**, 34, 8003

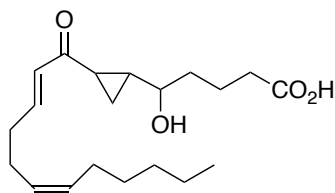
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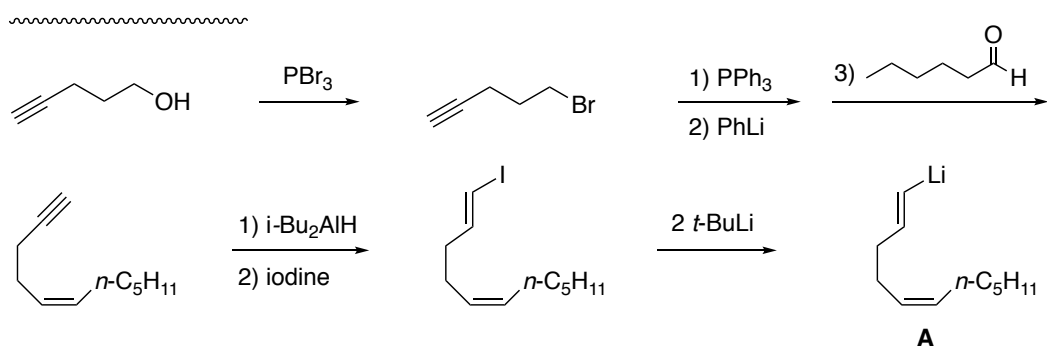
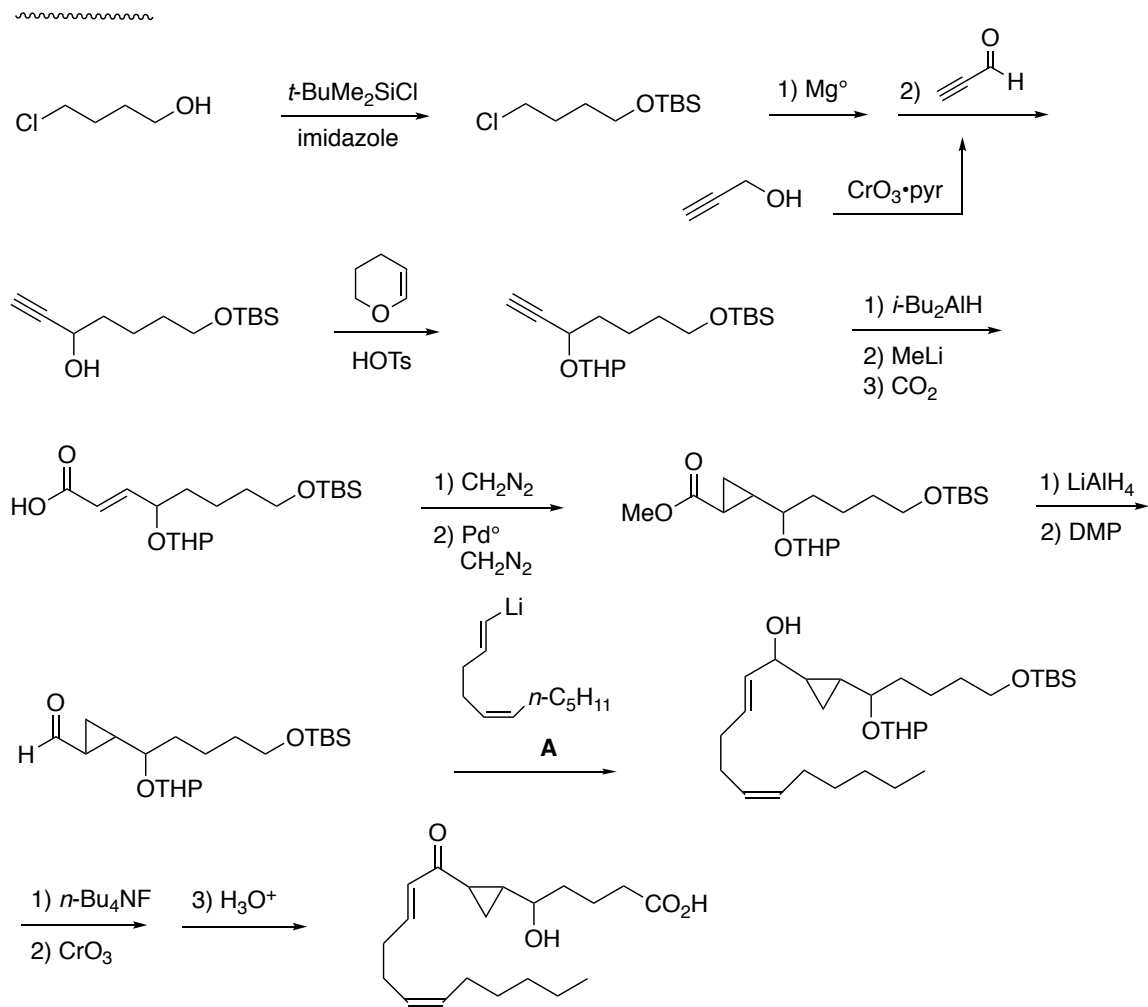
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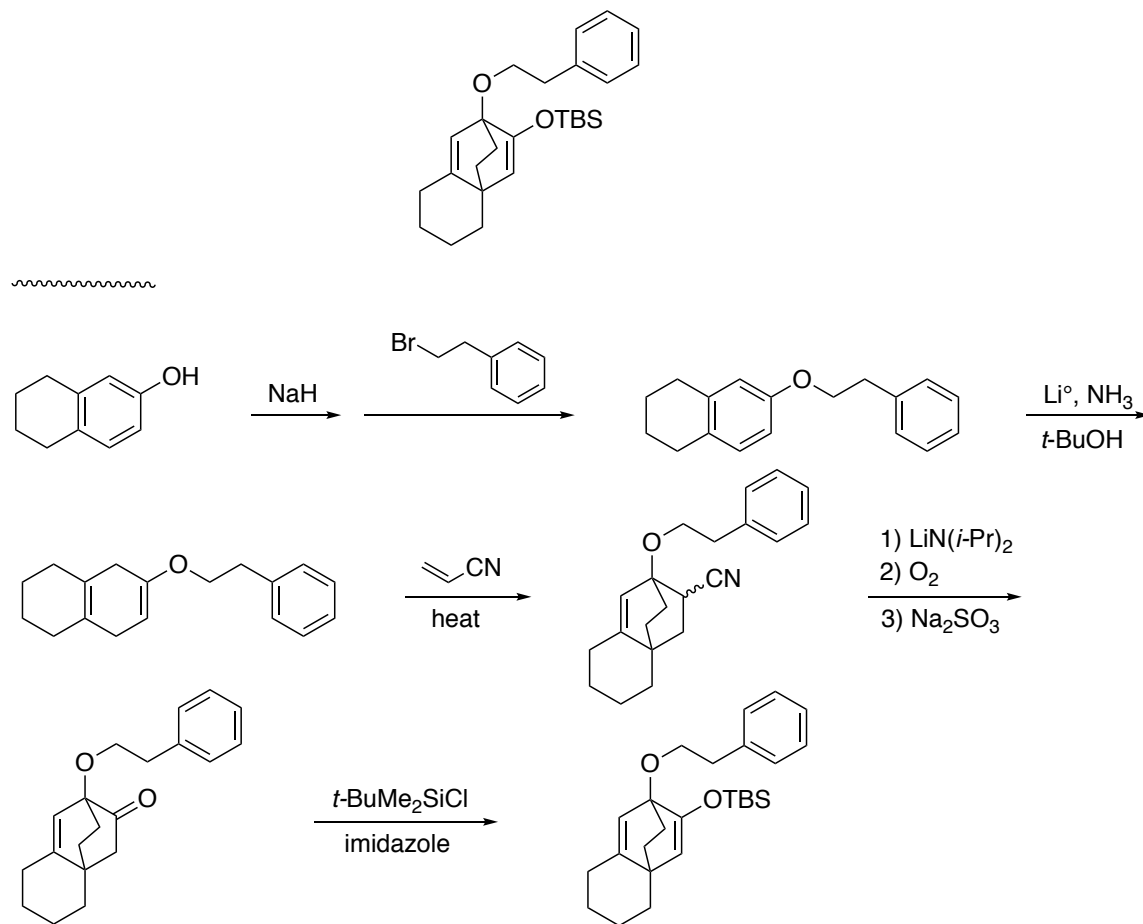
### Problem 83 G



*J. Am. Chem. Soc.* **1989**, *111*, 5003.



Problem 189 G

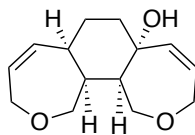




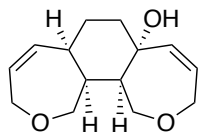
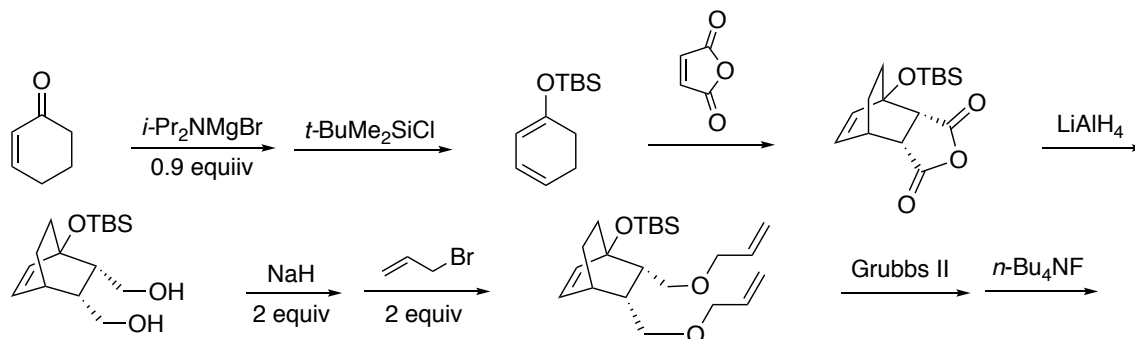




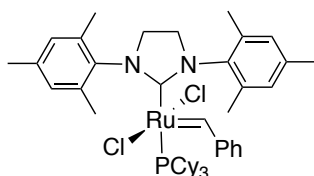
### Problem 199 G



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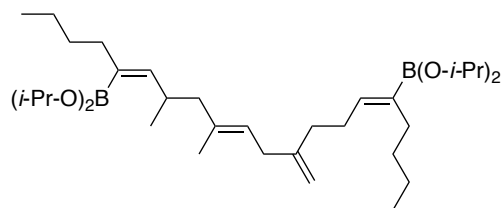


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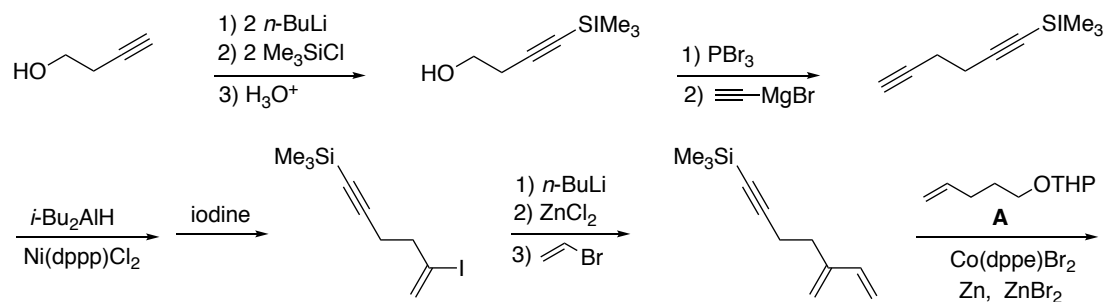


Grubbs II

### Problem 200 G



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**Problem 200 G continued**

