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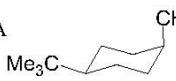
中国科学院 2005 年招收硕士研究生统一考试

有机化学（参考答案）

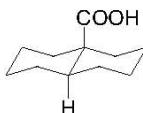
一、回答下列下列各问题：

1. B>A>D>C>E 2. A 四种 B 四种 C 四种 D 四种 3. A 与 B、C
与 D 相同； A 与 C 或 D 互为对映体 4. A、B、D 5. A、B

6.



B



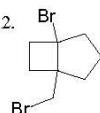
7. C 8. C>A>B 9. A, D 10. B

二、完成反应式：

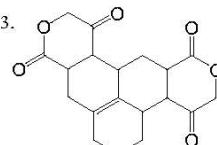
1.



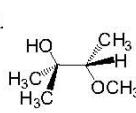
2.



3.



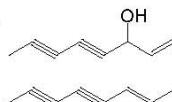
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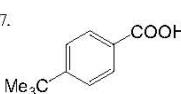
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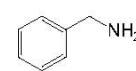
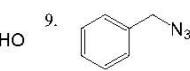
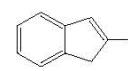
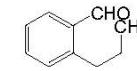
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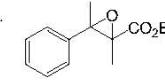
7.



8.



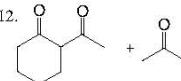
10.



11.



12.



三、写出下列反应的机理：

1.

