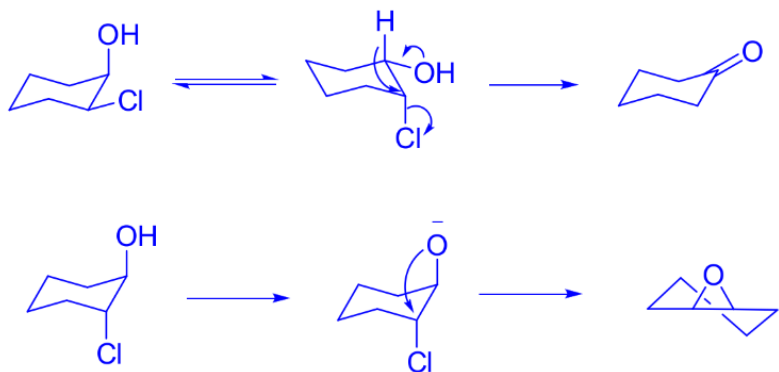
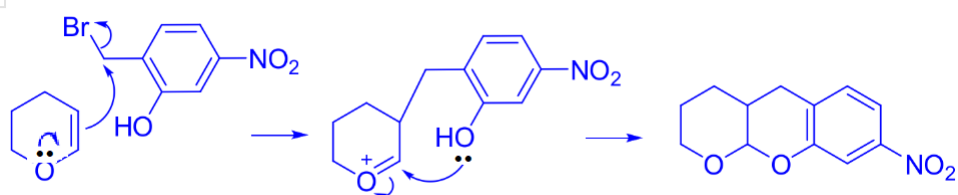


练习一 (S_N Reactions) 参考答案

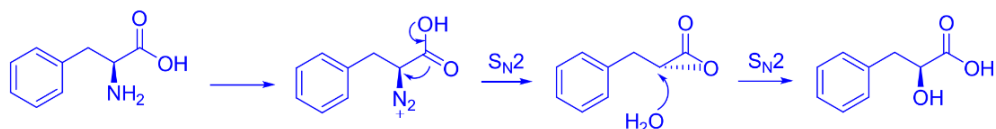
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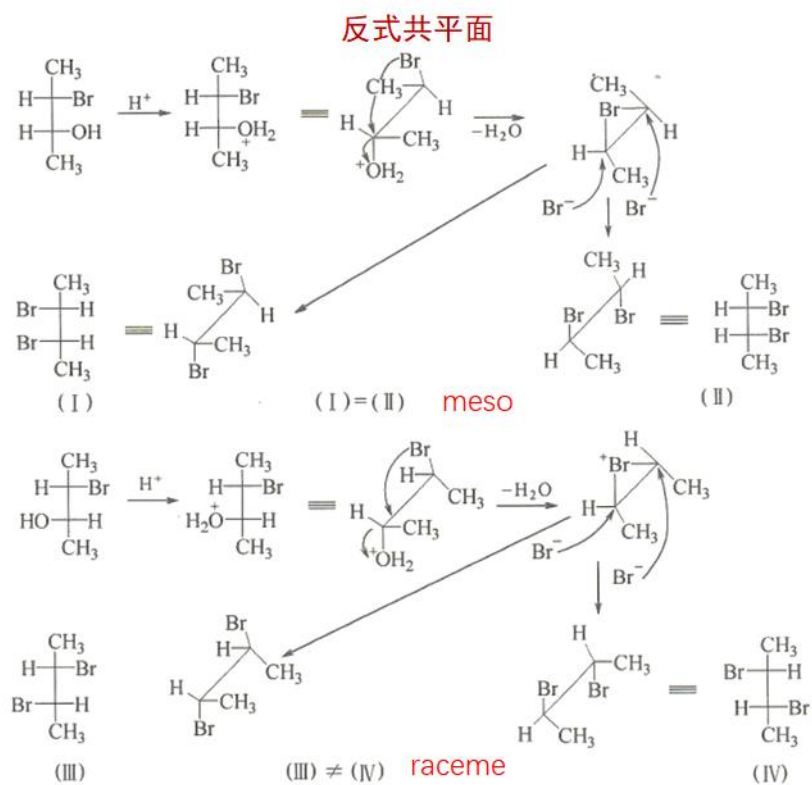
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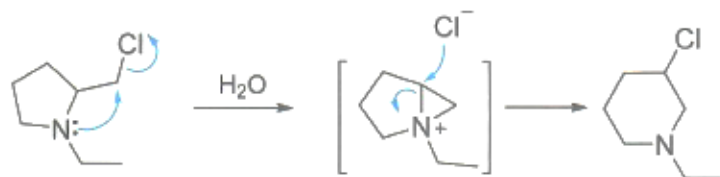
3.



4.



5.



6. **NGP by π -bond**



the characteristics of the neighboring-group mechanism

1. The configuration at a chiral carbon is retained
2. The rate of reaction is greater than expected
3. Carbon skeleton reconstruction may occur

7. 底物中的羰基氧用 O^{18} 标记，若乙酸解，水解之后产物环己二醇监测到同位素 O^{18} ，则可以证明这反应经历了邻基参与机理。

