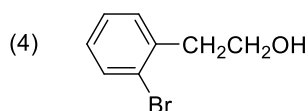
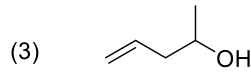
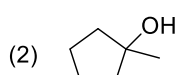
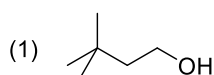


第十三次作业答案

P353

1. 写出下列结构式的系统命名:



解答:

(1) 3, 3-二甲基-1-丁醇

(2) 1-甲基环戊醇

(3) 4-戊烯-2-醇

(4) 2-(2-溴苯基)乙醇

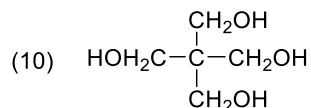
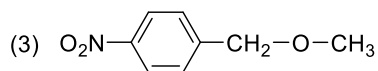
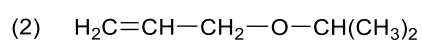
2. 写出下列化合物的构造式:

(2) 烯丙基异丙基醚

(3) 对硝基苄甲醚

(10) 季戊四醇

解答:



4. 写出异丙醇与下列试剂作用的反应式:

(1) Na

(2) HBr

(3) H_2SO_4 , $>160^\circ\text{C}$

(4) H_2SO_4 , $<140^\circ\text{C}$

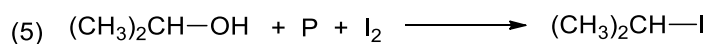
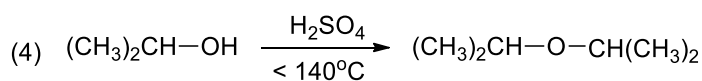
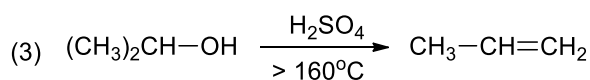
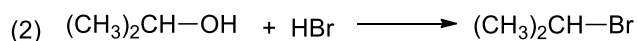
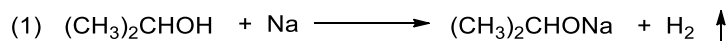
(5) 红磷+碘

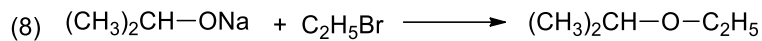
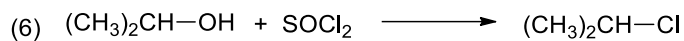
(6) SOCl_2

(7) $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{Cl}$

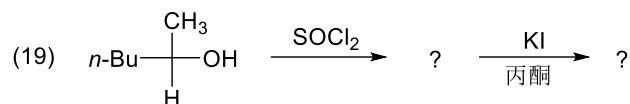
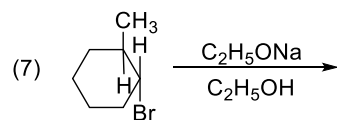
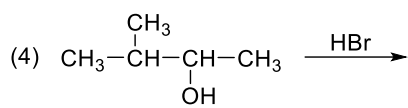
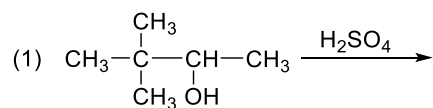
(8) (1)的产物+ $\text{C}_2\text{H}_5\text{Br}$

解答:

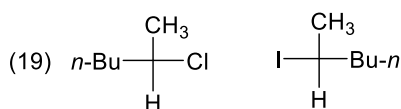
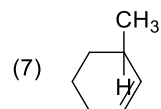
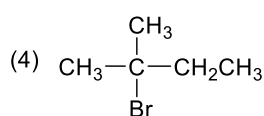
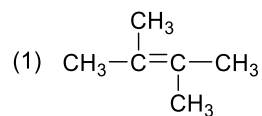




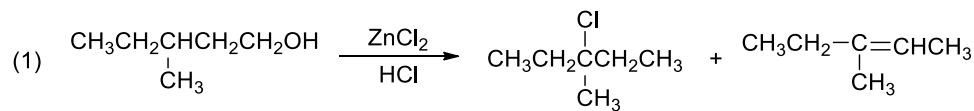
6. 完成下列各反应:



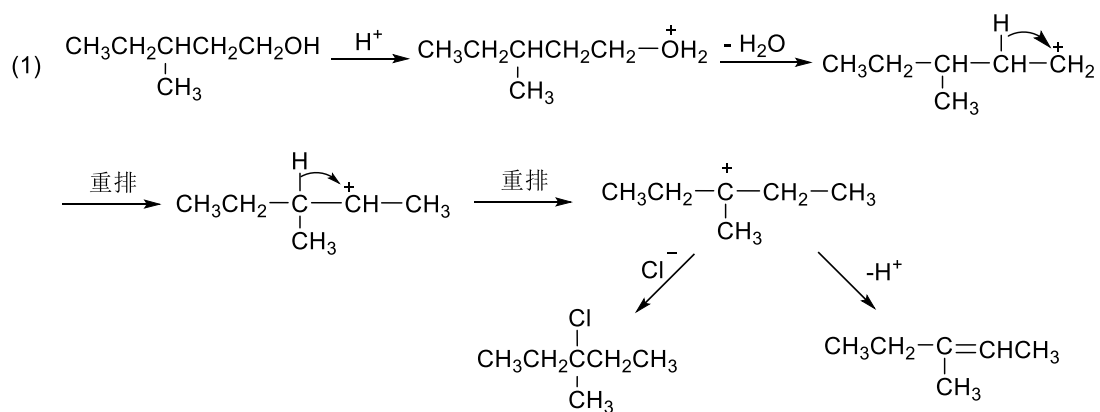
解答:



7. 用历程解释下列反应:



解答:



12. 利用指定原料进行合成（无机试剂和 C₂ 及以下的有机试剂可以任选）：

(3) 用丙烯合成

解答：

