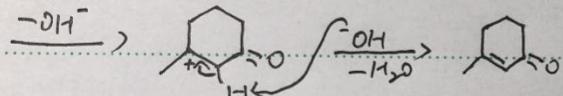
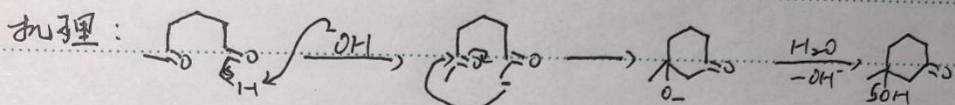
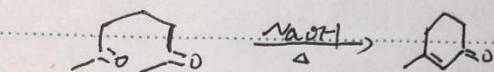
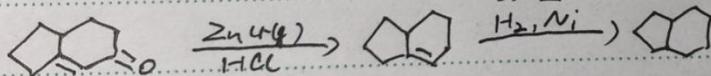
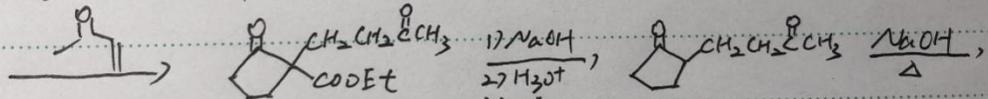
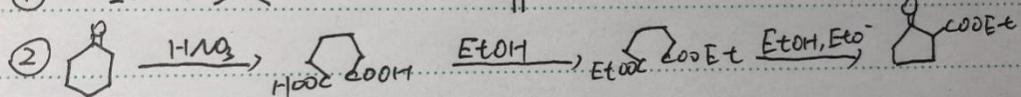
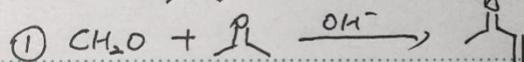


中 年 班 座号 姓名 叶彦博 月 日

Robinson 缩环：

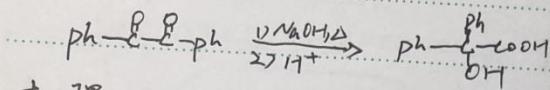


合成：由三碳以下的化合物及  $\text{C}_6\text{H}_5\text{CH}_2\text{COCl}$  合成

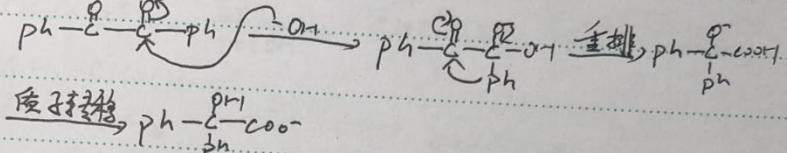


中 年 班 座号 姓名 叶彦博 月 日

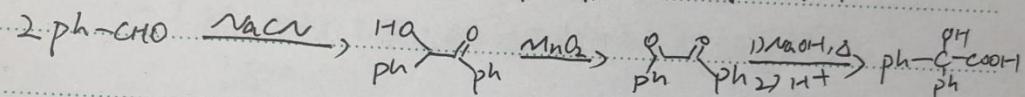
反应：二苯乙醇酸重排



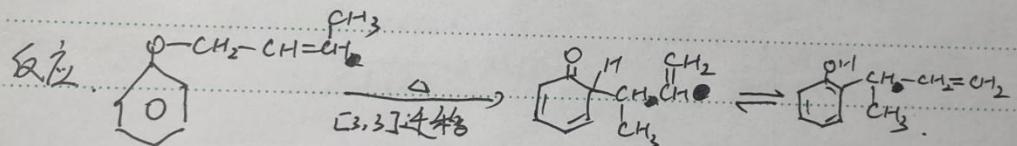
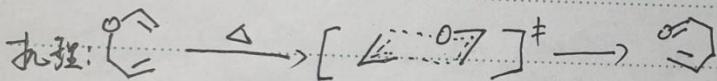
机理：



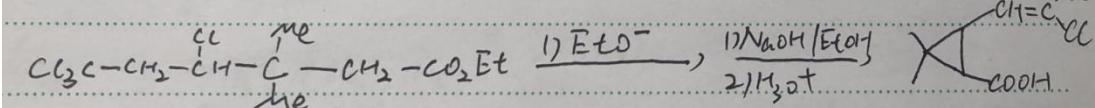
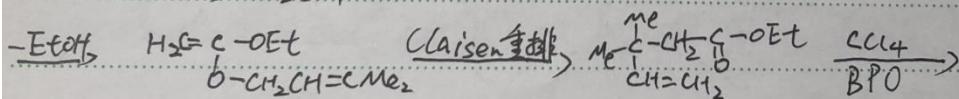
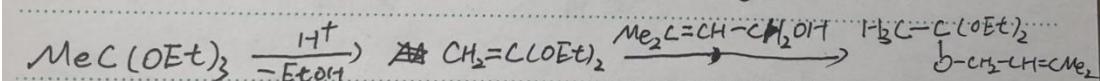
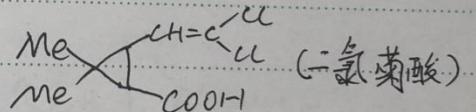
合成：由苯甲醛及必要无机原料合成二苯乙醇酸。



反应：Claisen 重排



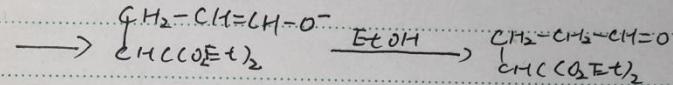
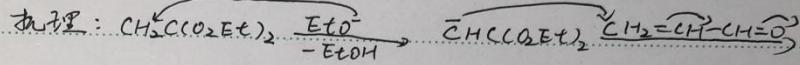
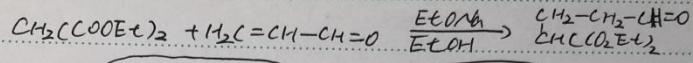
合成：由原乙酸三乙酯合成



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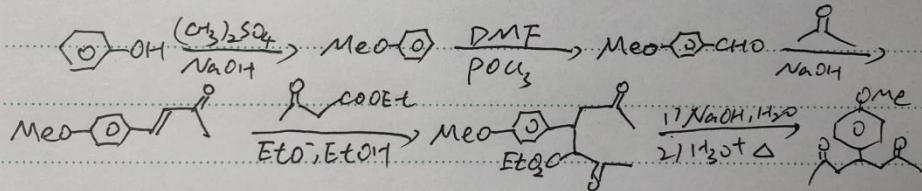
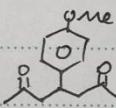
中 年 班 座号 姓名 叶彦博 月 日

反应：Michael 加成

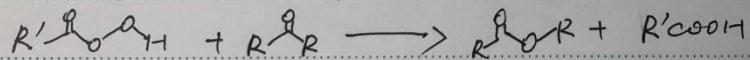


合成：由衍生物 / 酸 / 酯 / 三氟羧酸

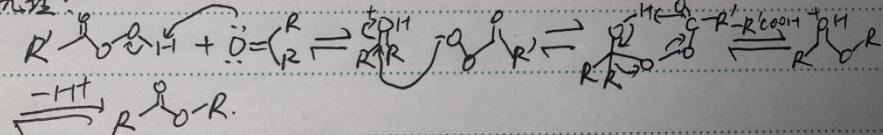
由苯酚、乙酰乙酸乙酯及不超过4个碳的原料合成



反应：Baeyer - Villiger 重排



机理:



合成：由丙酮合成

