

# 淡江大學 107 學年度日間部轉學生招生考試試題

系別：化學學系三年級

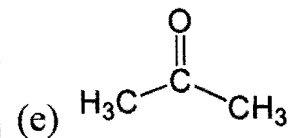
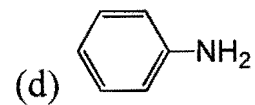
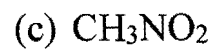
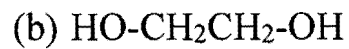
科目：有機化學

43-1

考試日期：7月27日(星期五) 第2節

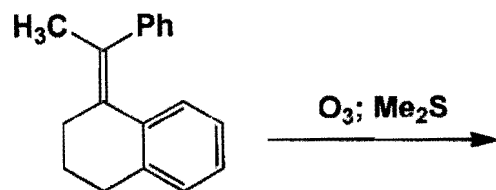
本試題共 3 大題， 2 頁

1. Write the English nomenclature (IUPAC or Common name) of these molecules. (20 pts, 4pts each)

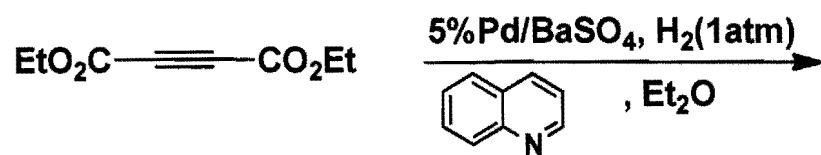


2. Please show the major product with stereochemistry. (50 pts, 5pts each)

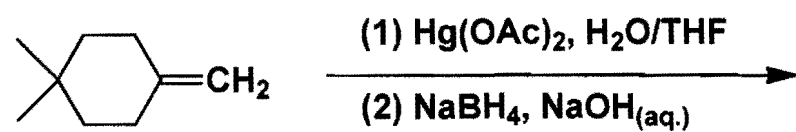
(a)



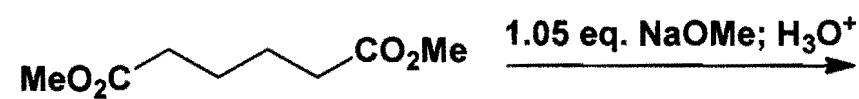
(b)



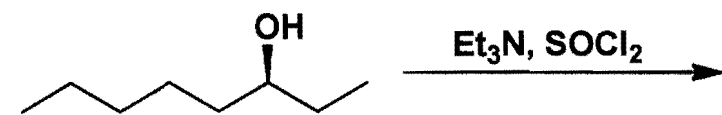
(c)



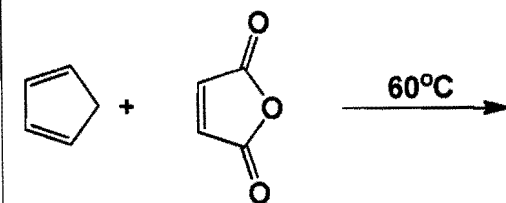
(d)



(e)



(f)



背面尚有試題

# 淡江大學 107 學年度日間部轉學生招生考試試題

系別：化學學系三年級

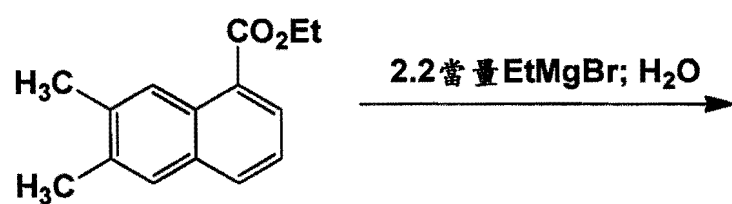
科目：有機化學

43-2

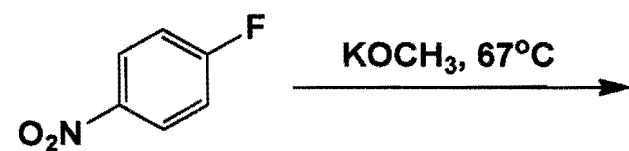
考試日期：7月27日(星期五) 第2節

本試題共 3 大題， 2 頁

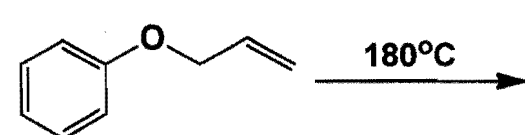
(g)



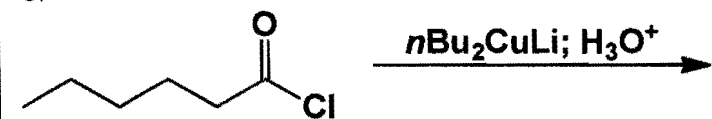
(h)



(i)

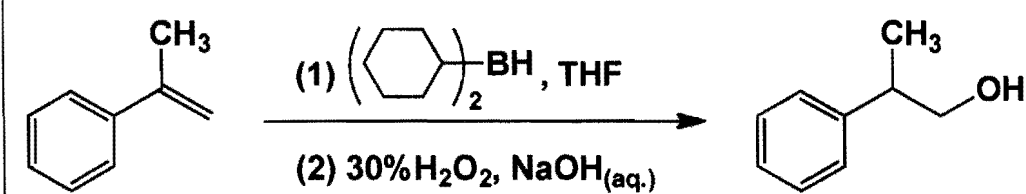


(j)

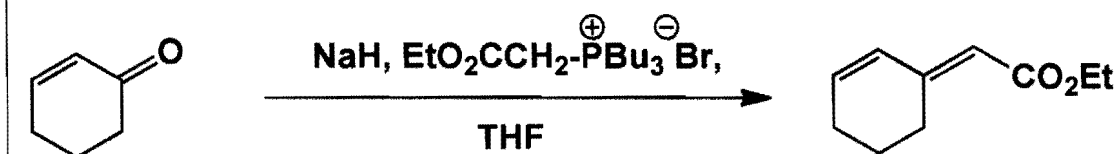


3. Draw the reasonable mechanisms with indicated arrows of these reactions. (30 pts, 10 pts each)

(a)



(b)



(c)

