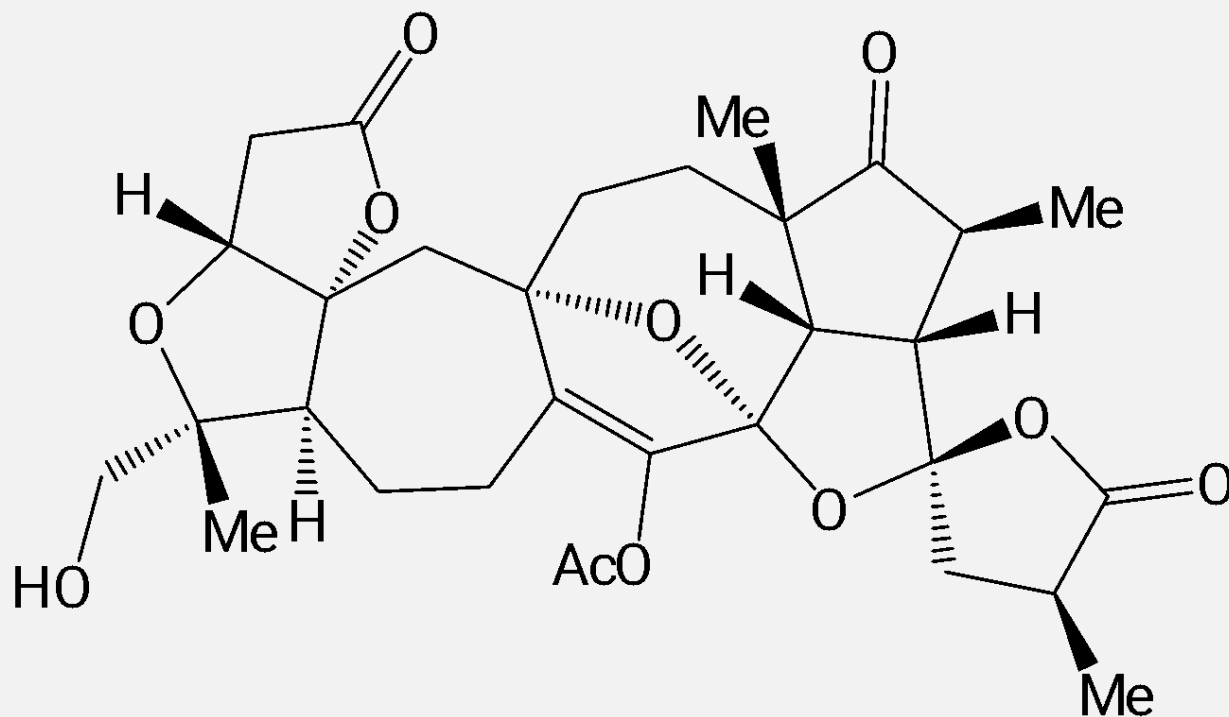
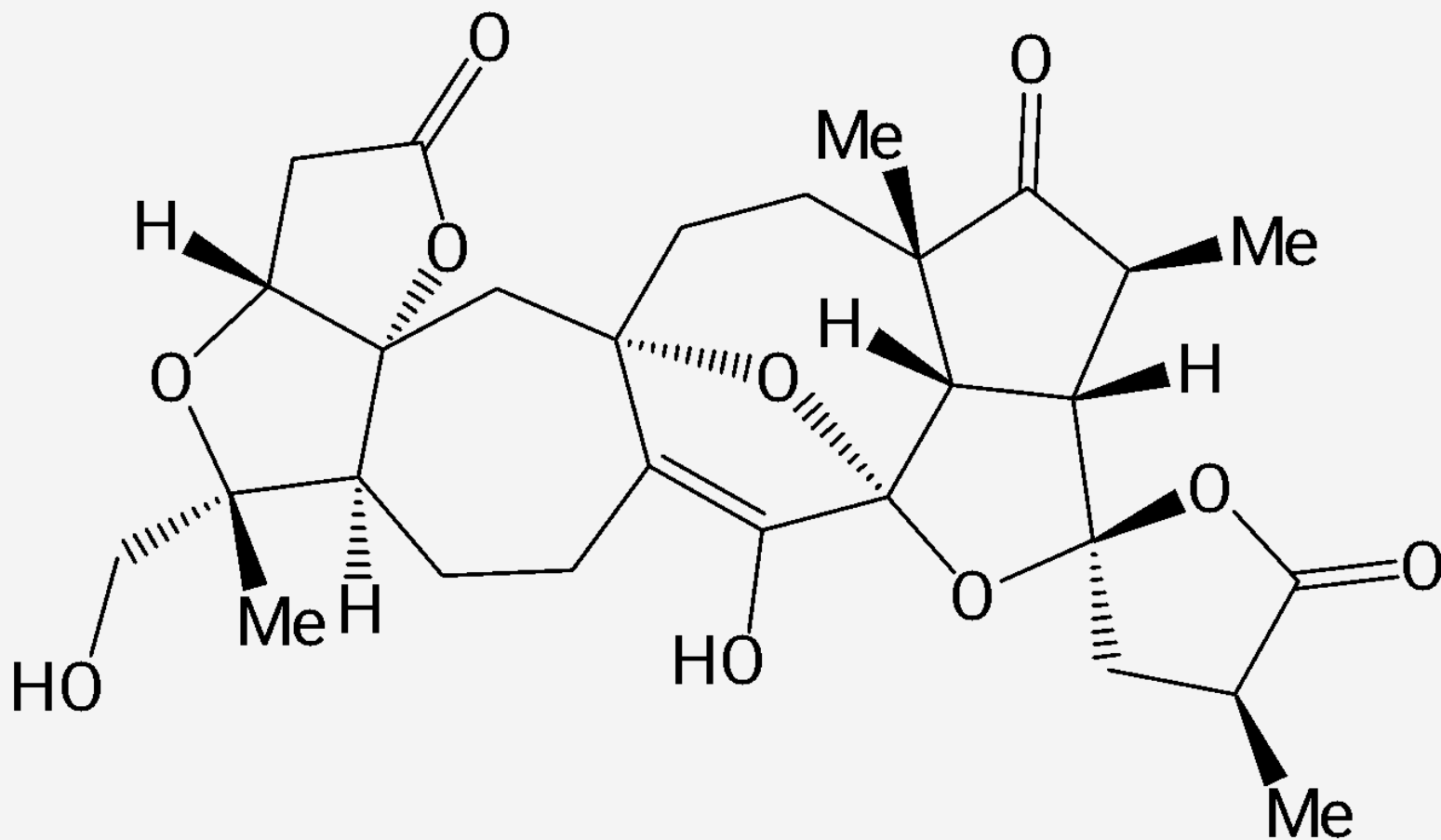


# Asymmetric Total Synthesis of Lancifodilactone G Acetate

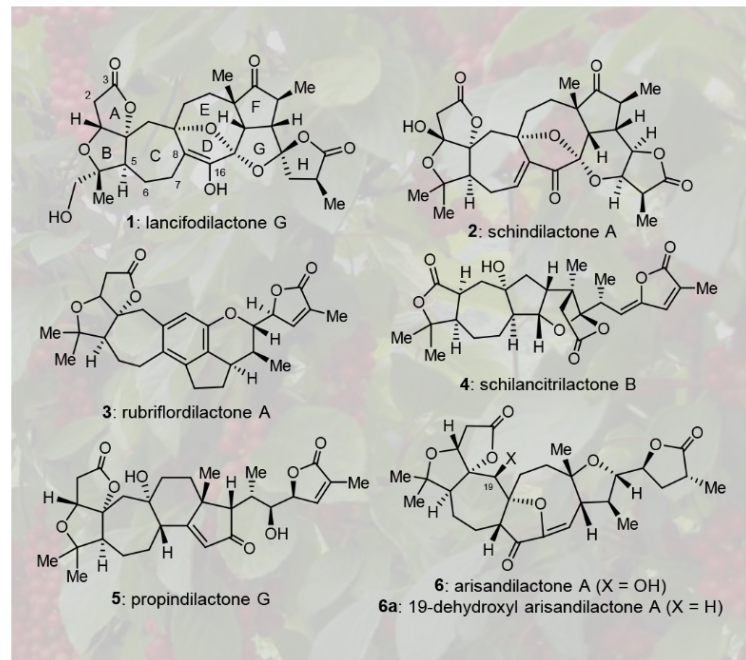


асп. 3-го года обучения **Павельев Станислав Алексеевич**

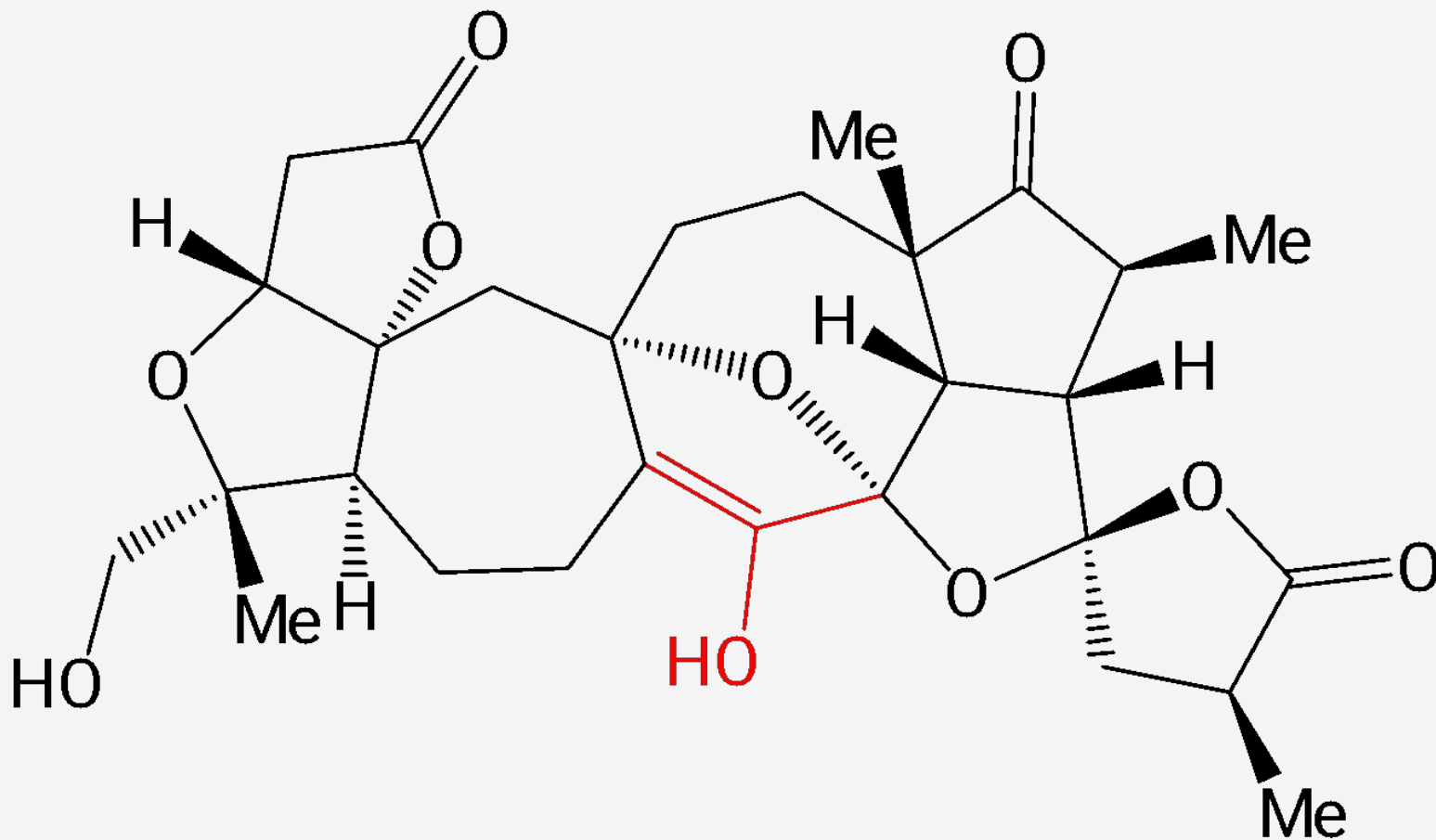
# Lancifodilactone G



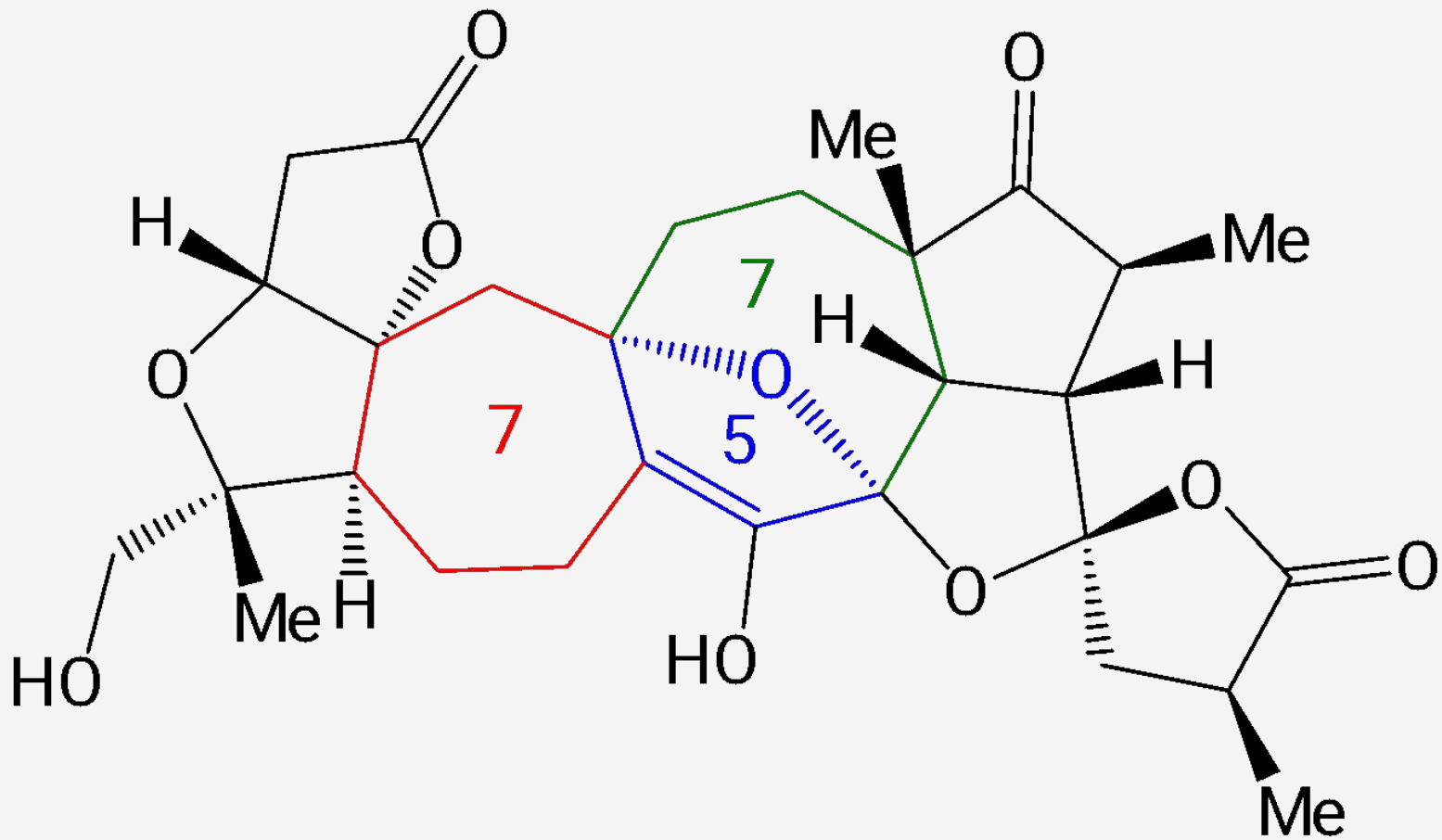
# Шинотритерпеноиды, выделенные из лимонника



# Lancifodilactone G

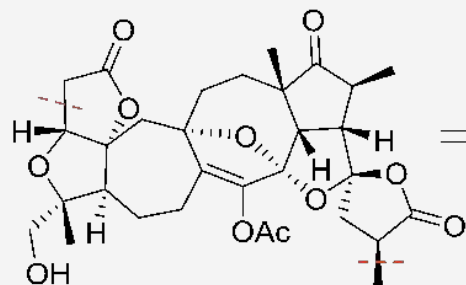


# Lancifodilactone G

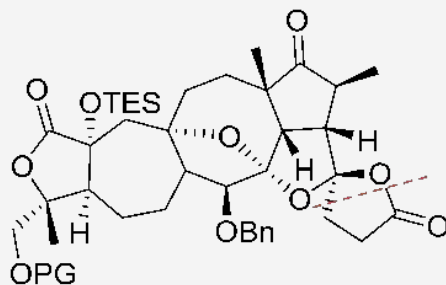


# Ретросинтетический анализ

Реакция Дикмана

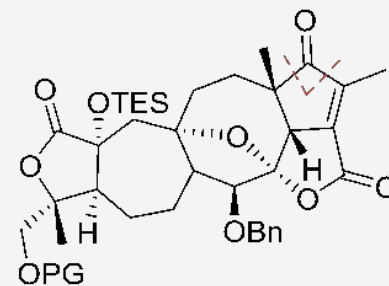


7 Олефинирование  
и восстановление



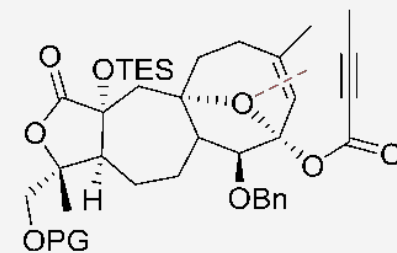
8 Лактонизация

Реакция  
Паусона-Ханда



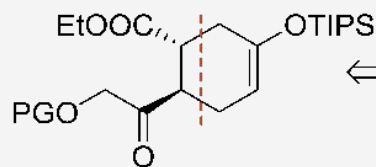
9

RCM



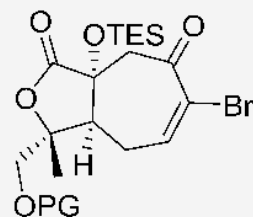
10

Расширение цикла

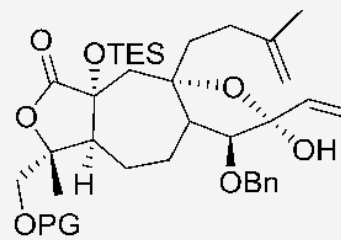


13

Реакция  
Дильса-Альдера

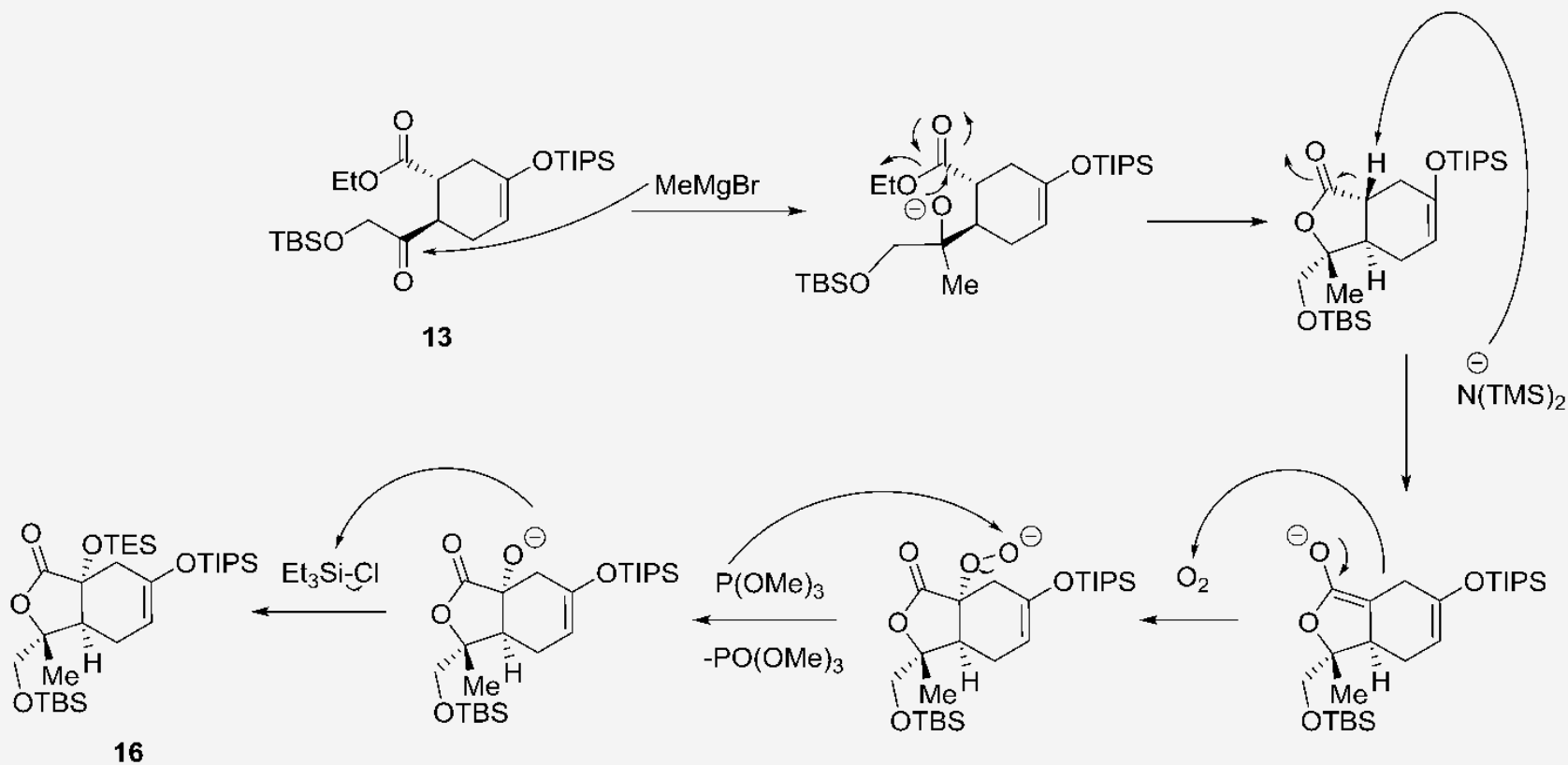
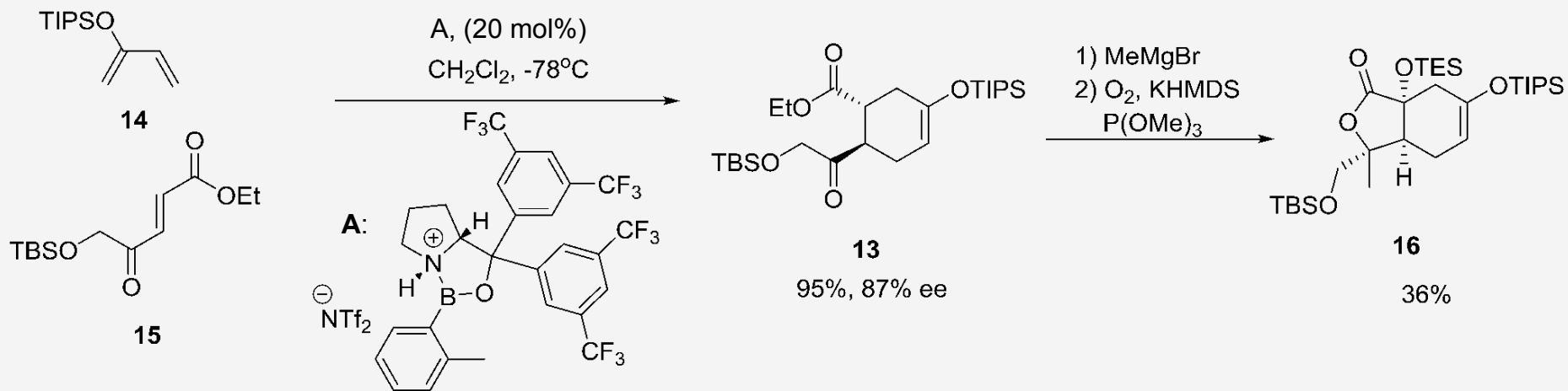


12

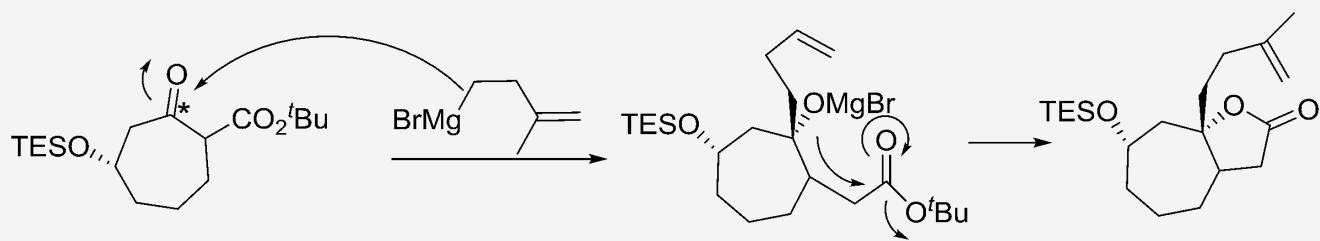
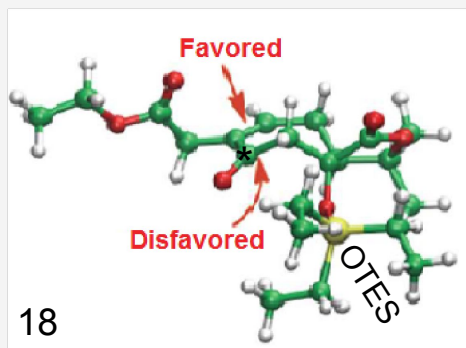
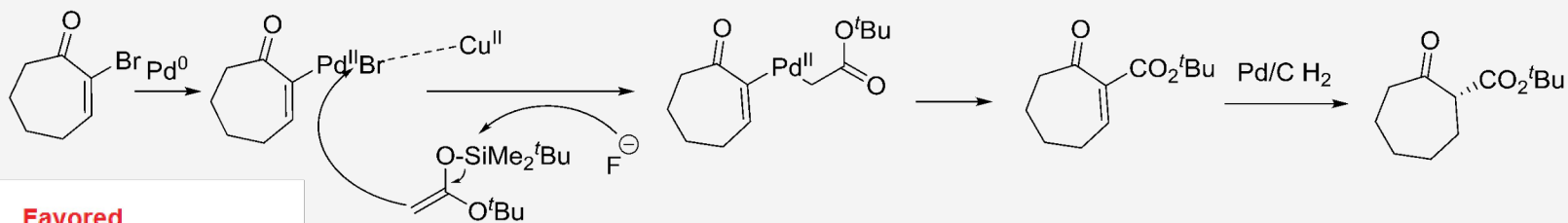
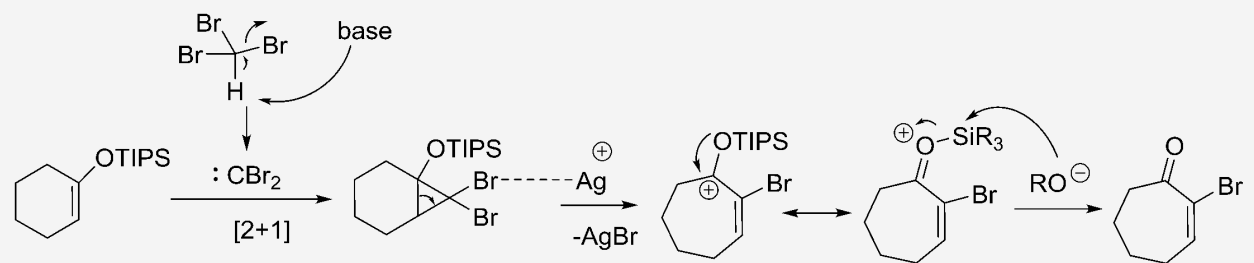
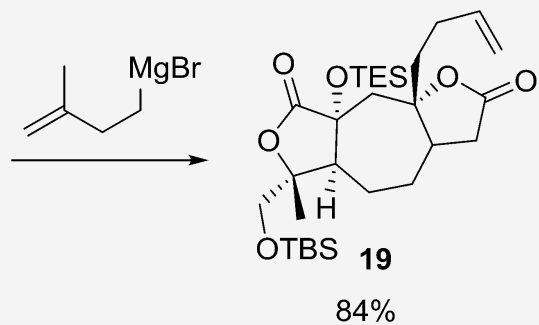
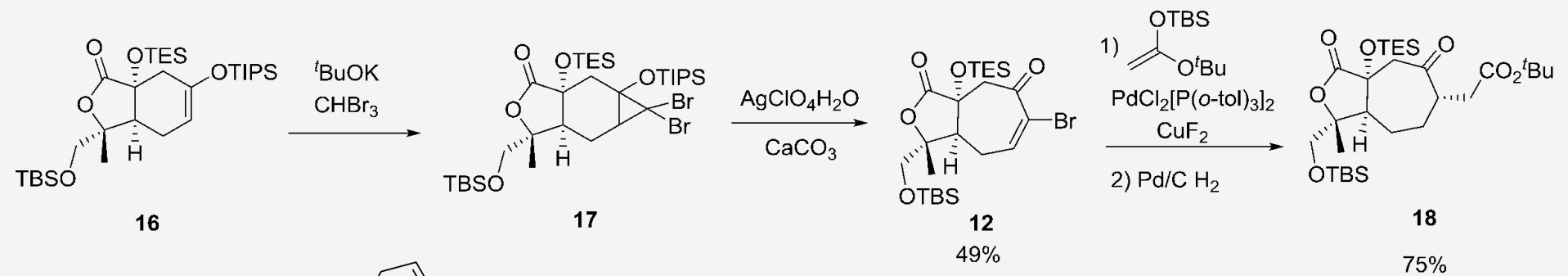


11

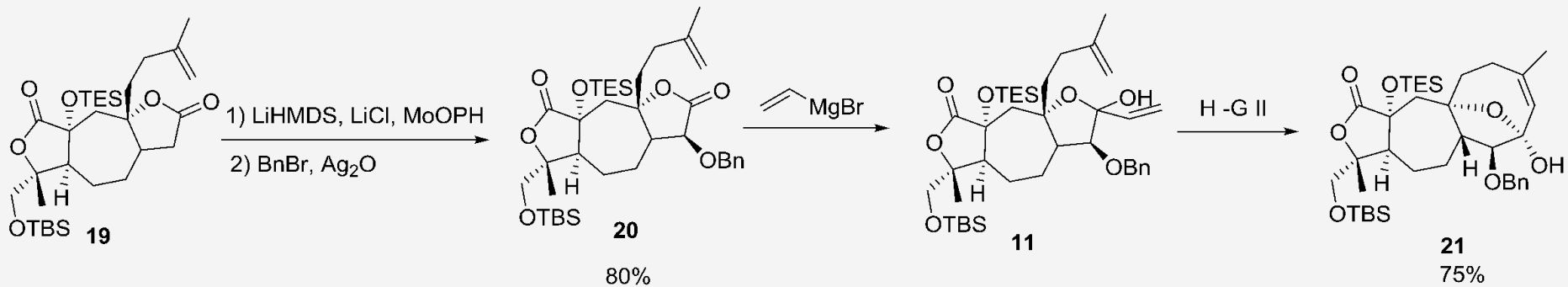
...28 стадий!











MoOPH = oxodiperoxymolybdenum(pyridine)-(hexamethylphosphoric triamide)

