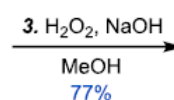
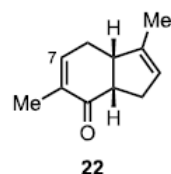


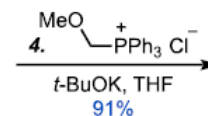
Total synthesis of (–)-illisisimonin A



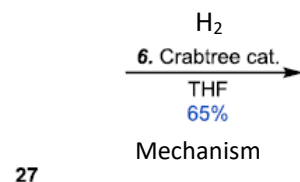
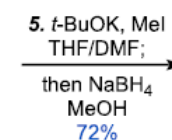
(–)-illisisimonin A
16 steps

retrosynthesis $\Leftarrow$ 

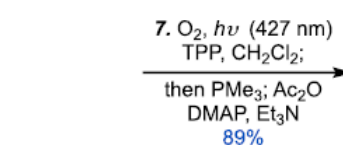
25



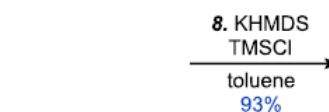
26



Mechanism

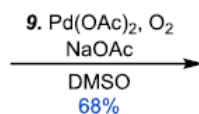


Name Reaction?
Orbitals



Name Reaction?

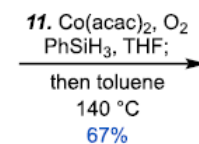
30



31

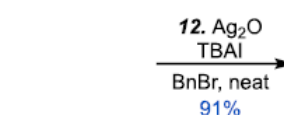


32

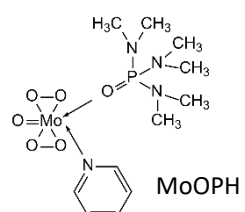


Name Reaction?

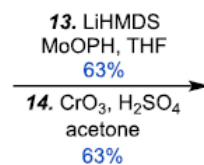
Mechanism



33



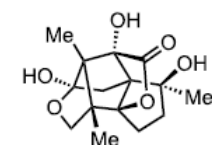
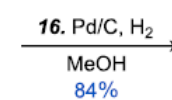
34



35



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(–)-illisisimonin A (1)

Solutions

