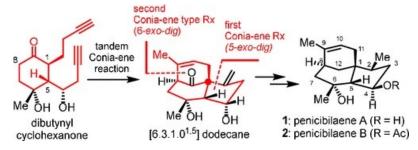
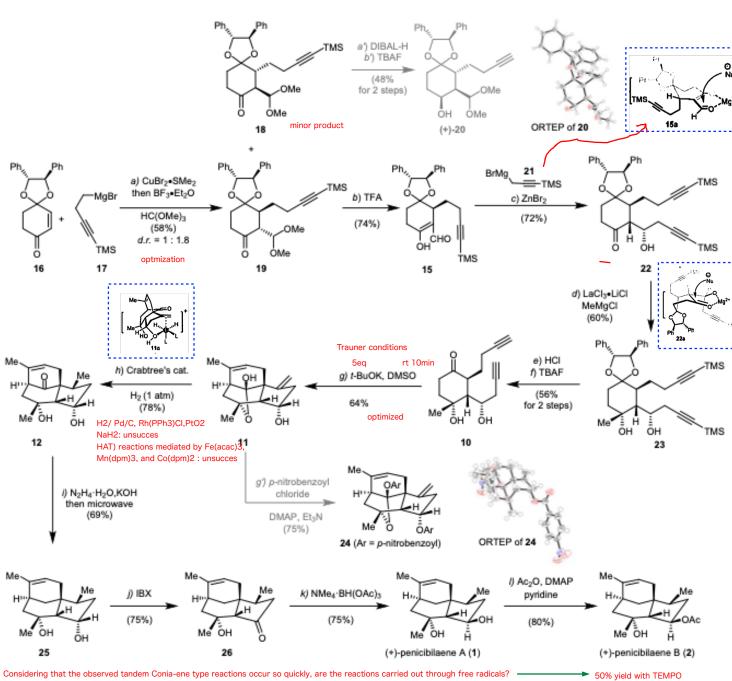
Total Synthesis of Penicibilaenes Enabled by a Tandem Double Conia-ene Type Reaction Zheyuan Wang, Zhilin Song, Jun Huang*, and Zhen Yang*



->not through radicals



- 1) Considering that the observed tandem Conia-ene type reactions occur so quickly, are the reactions carried out through free radicals?
- 2) Why is the intermediate 14 not separated in this tandem reaction of substrate 10?
- 3) Is the carbonyl group at C12 involved in the double bond isomerization during the synthesis of compound 11 from 10:

