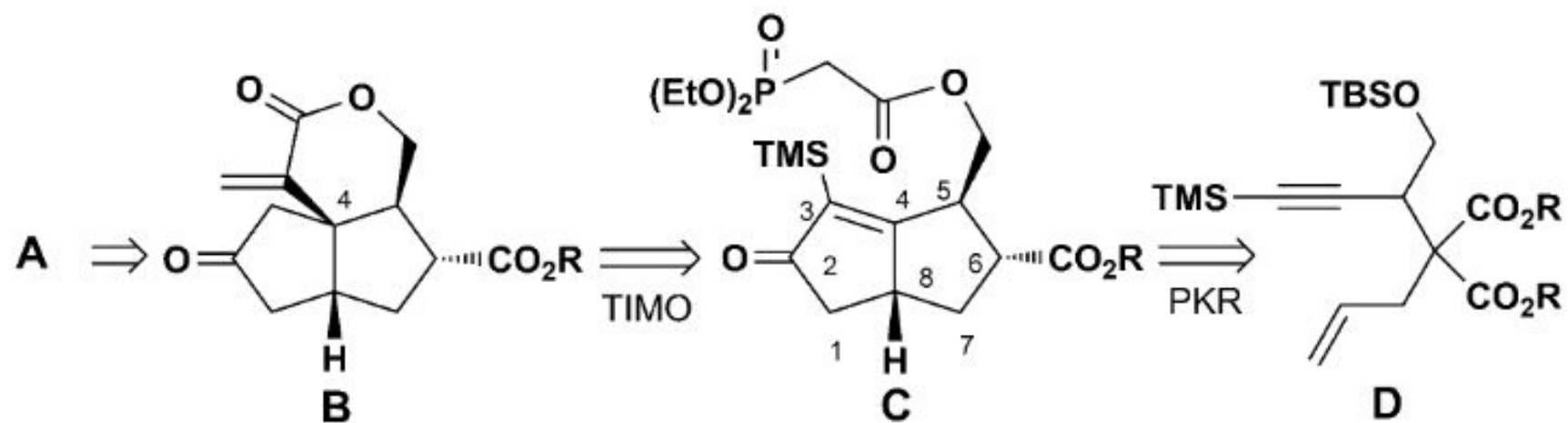
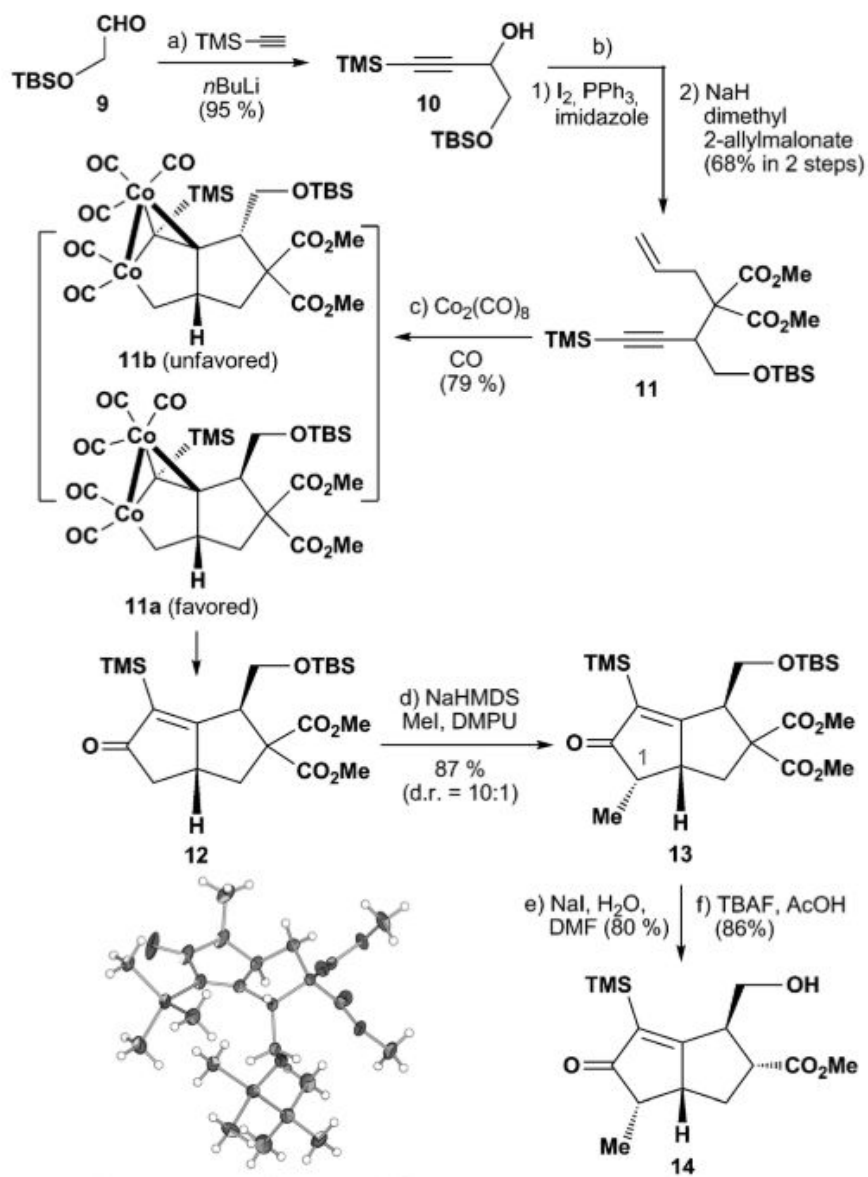


Scheme 1. Pentalenolactones and their synthetic relationship.

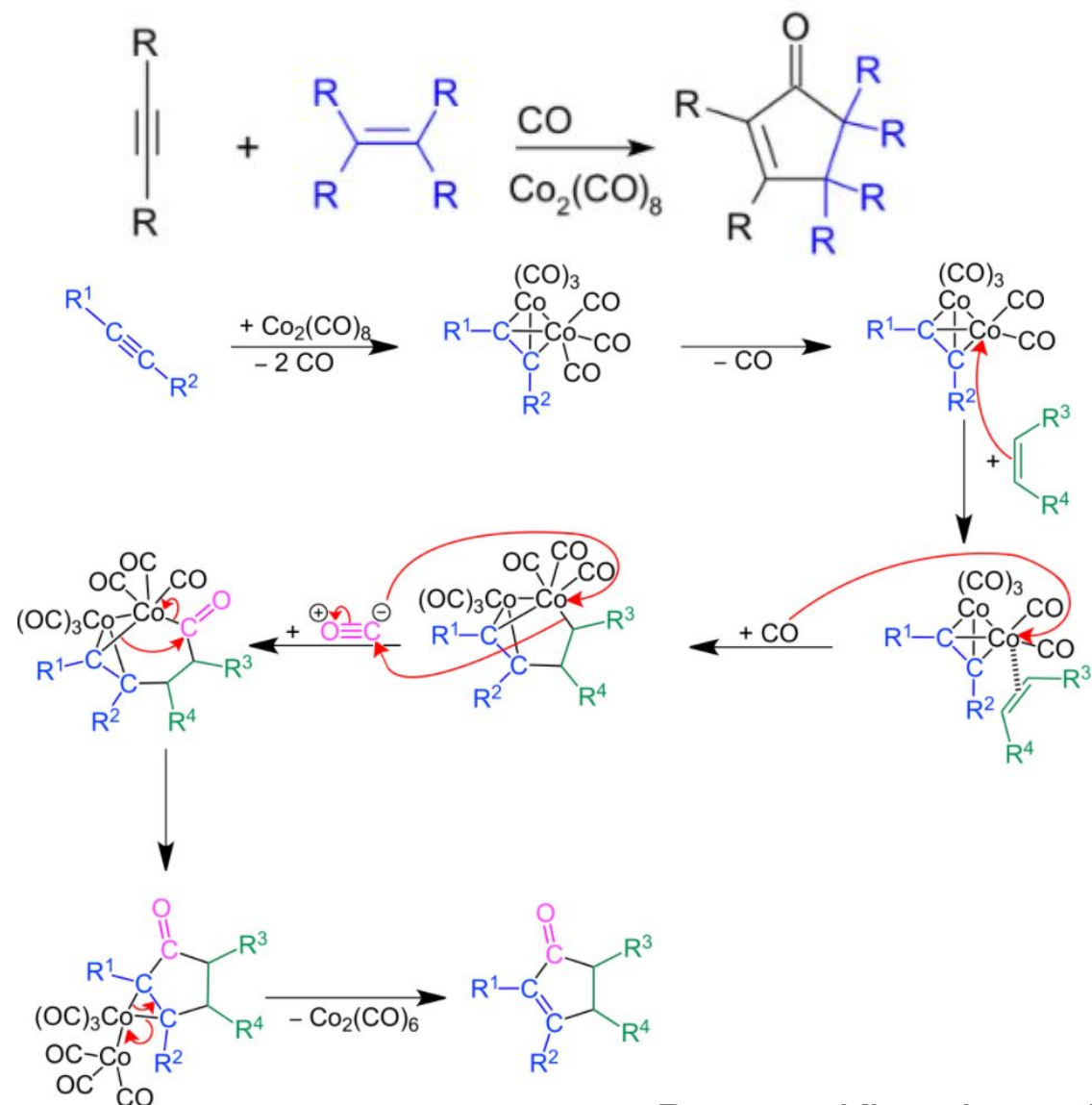
Луныков Сергей
2020



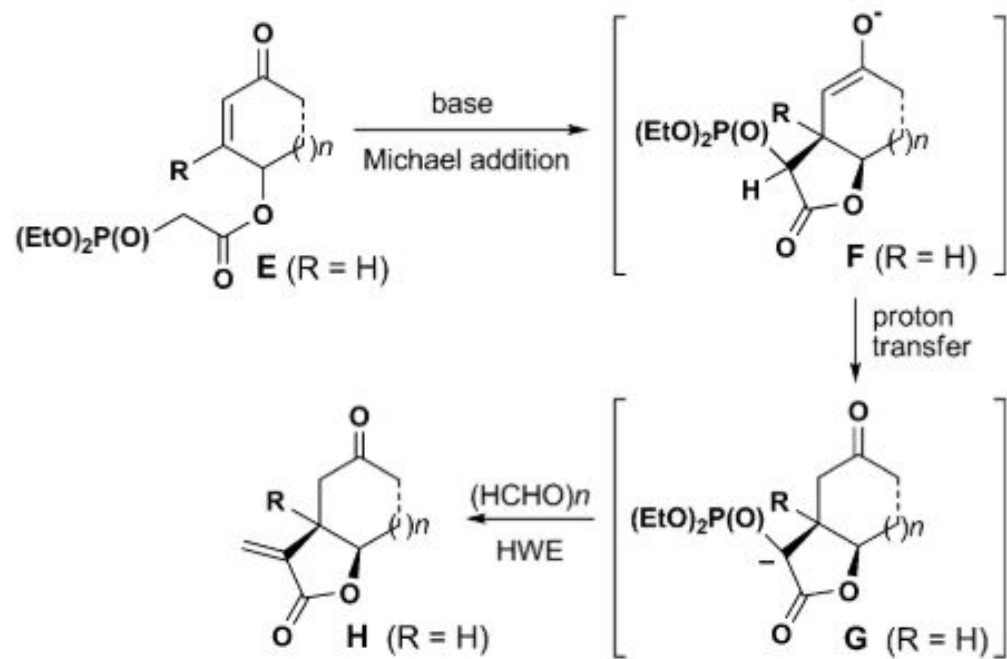
Scheme 2. Retrosynthetic analysis.



X-ray structure of compound 13



Pauson-Khand reaction



Scheme 4. Synthesis of α -methylidene- γ -butyrolactones **H**. HWE = Horner–Wadsworth–Emmons reaction.

