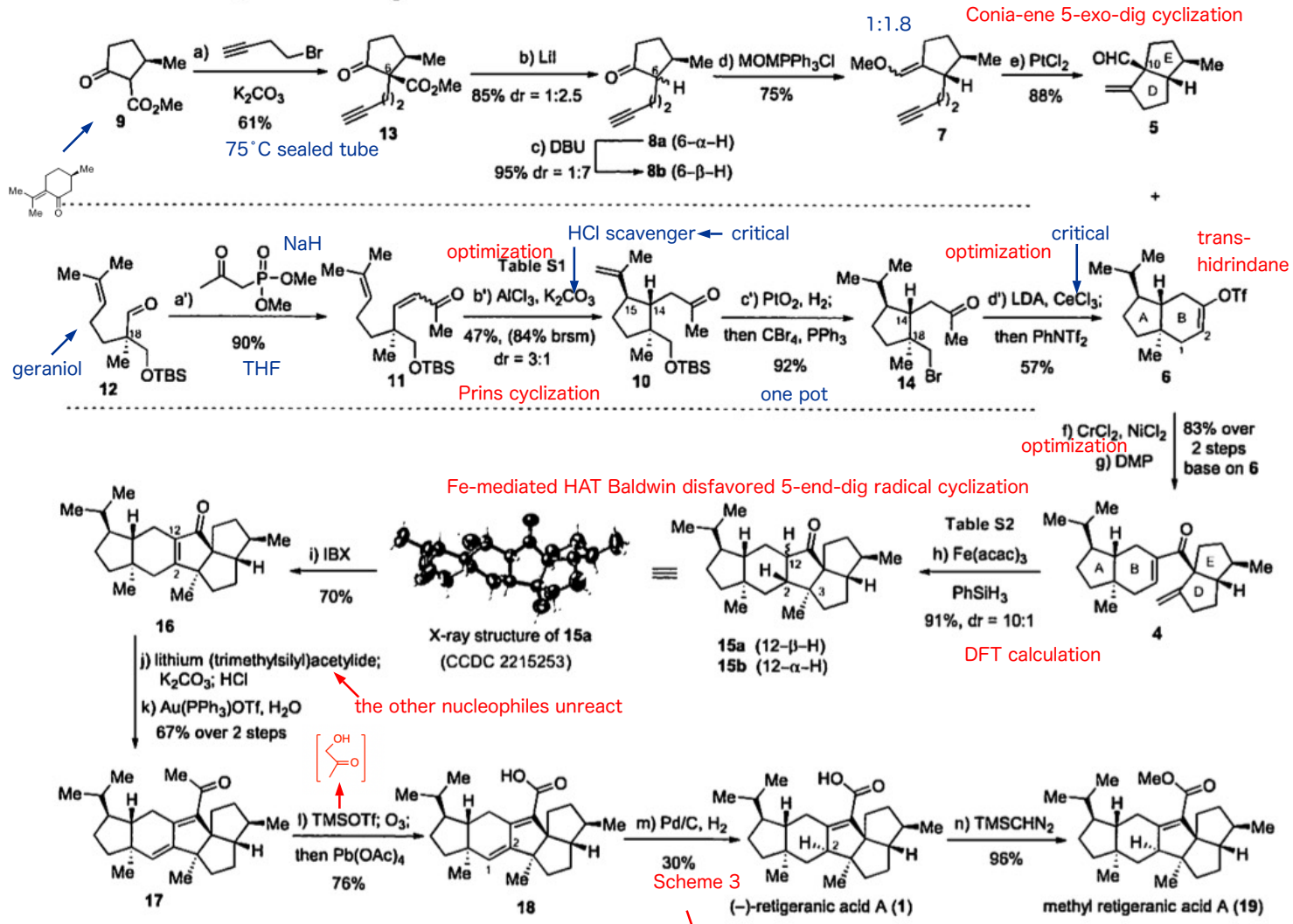


**Scheme 2. Total Synthesis of Retigeranic Acid A**



**Scheme 3. Proposed Mechanism of Hydrogenation**

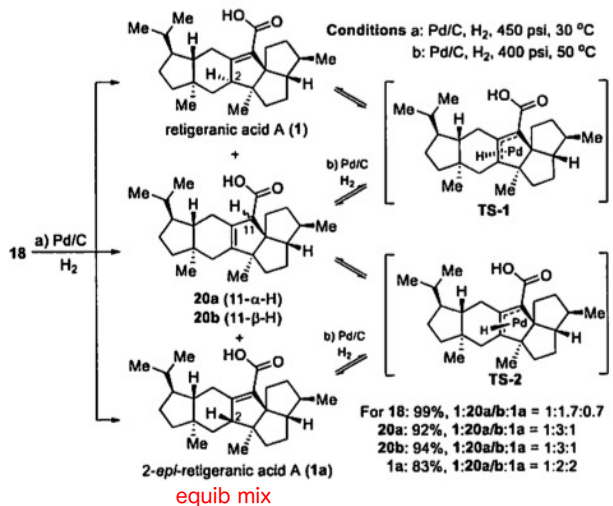


Figure 2. DFT calculations for 15a/b generated at the B3LYP/6-311+g(d,p) level of theory.

