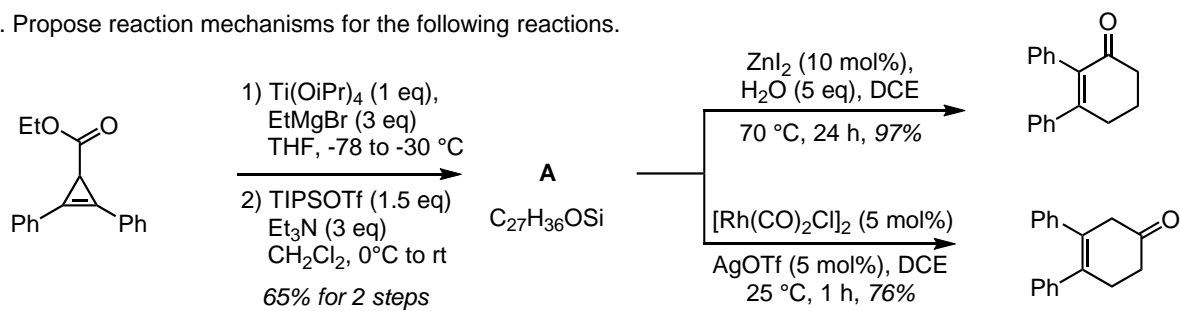
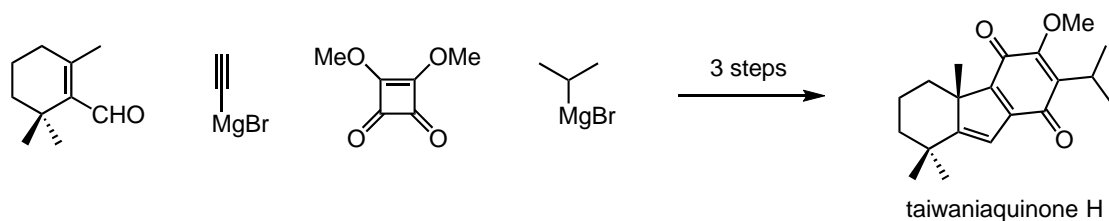


1. Propose reaction mechanisms for the following reactions.

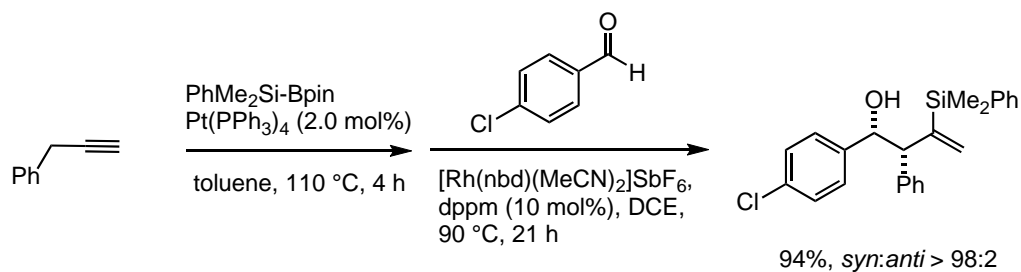


H. Zhang *et al.* *JOC*, **2014**, 79, 6286.

2. Propose a 3-step synthesis of taiwaniaquinone H.



X. Yan *et al.* *JOC* **2014**, 79, 5282



T. Miura *et al.* *JACS*, **2014**, 136, 6223.