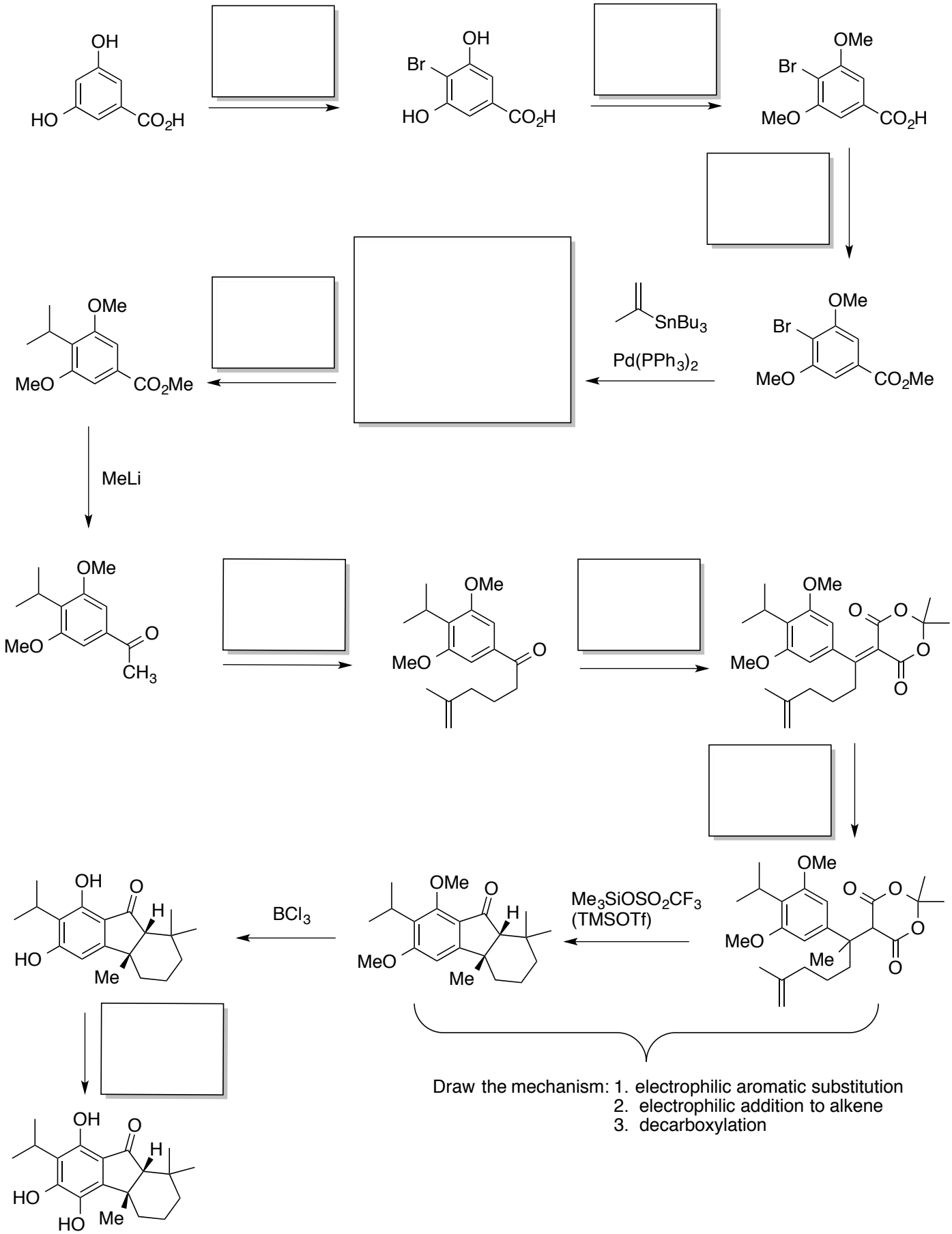
Total synthesis of taiwaniaquinol B; Eric Fillion lab, Waterloo University, 2005

Isolated from a common Taiwanese pine tree; related compounds show potential as therapies for estrogen-dependent cancers.



Draw the mechanism: 1. electrophilic aromatic substitution
2. electrophilic addition to alkene
3. decarboxylation