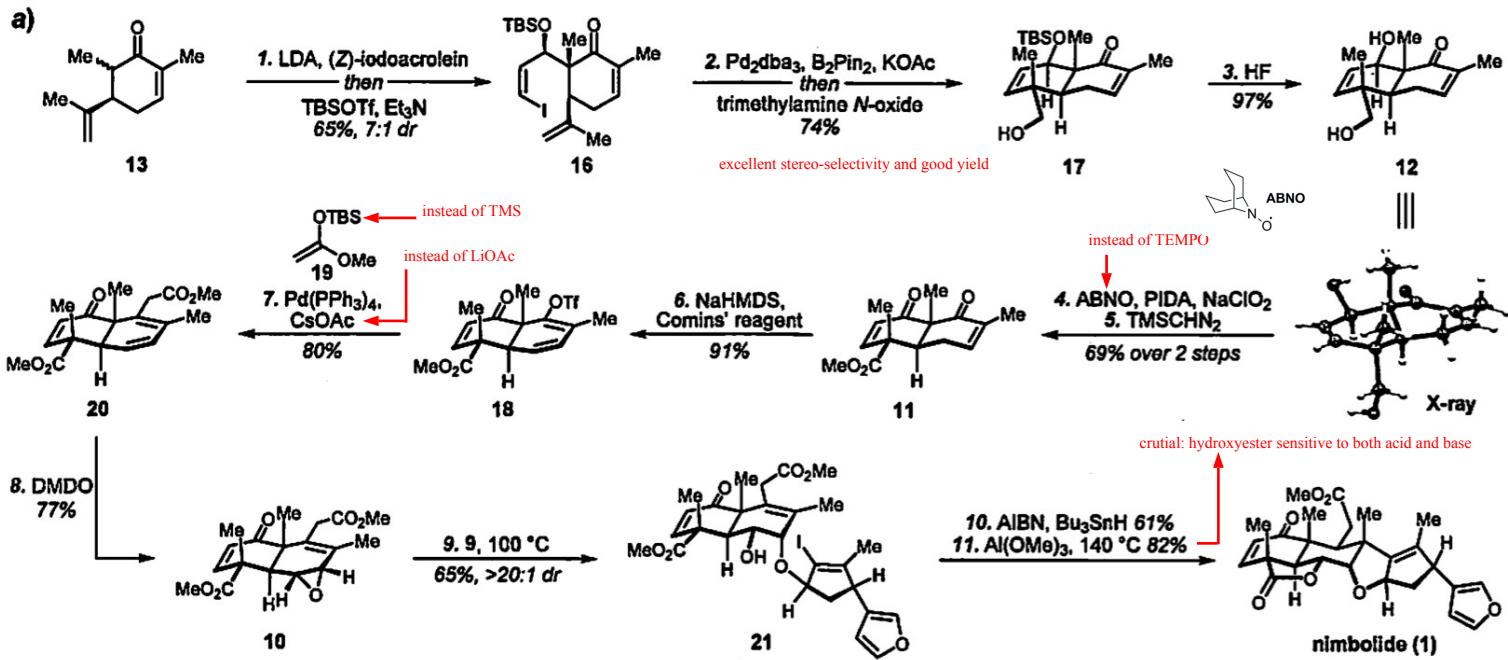


C-seco limonoids



b)

Detailed reaction scheme (b):
 1. fBuLi, CuI·DMS, 3-bromofuran, BF₃·OEt₂, 65%, >20:1 dr, leading to intermediate 23.
 2. DBU, 0 °C, 42% over 2 steps, leading to intermediate 24.
 3. (S)-CBS, BH₃·DMS, 88%, >20:1 dr, leading to alcohol fragment 9.

2 steps from (-)-linalool
 Maimone's enone

Figure 3. (a) Total synthesis of nimbolide (1). (b) Synthesis of alcohol fragment 9.

