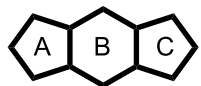


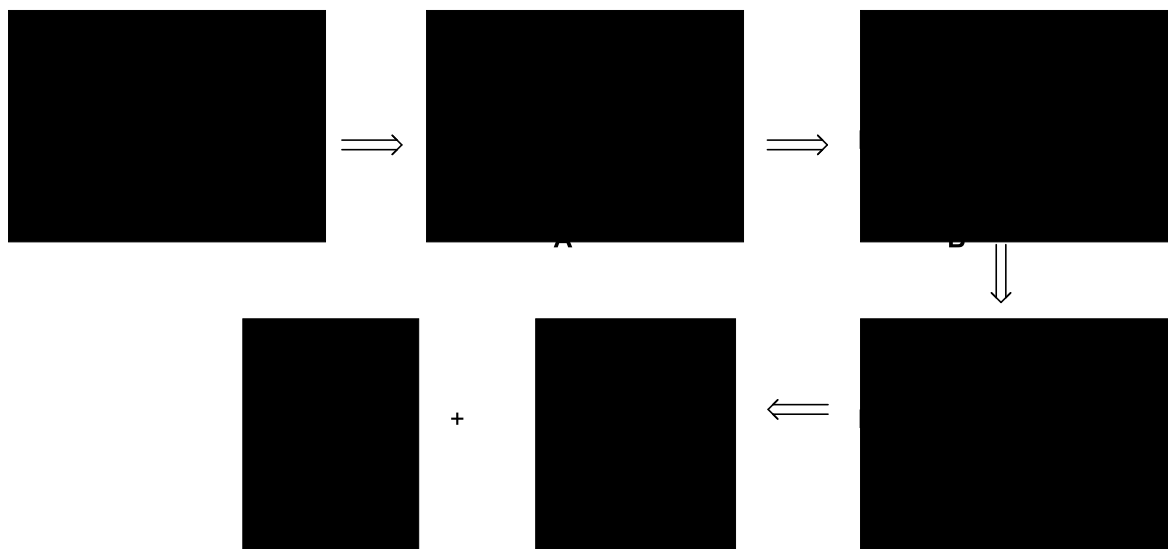
(+)-Perseanol
Nature **2019**, 573, 563–567



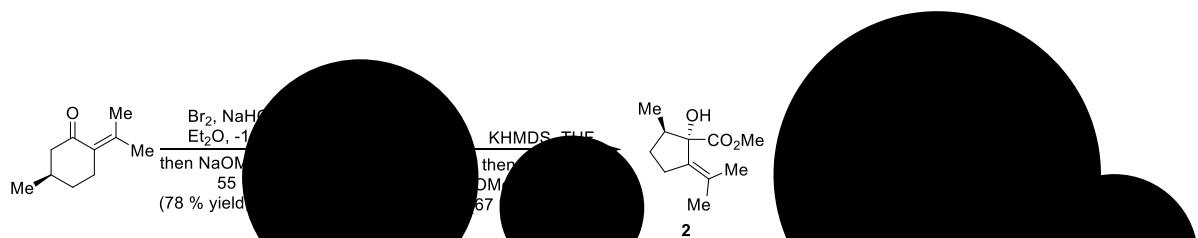
[5-6-5]
 isoryanodane core



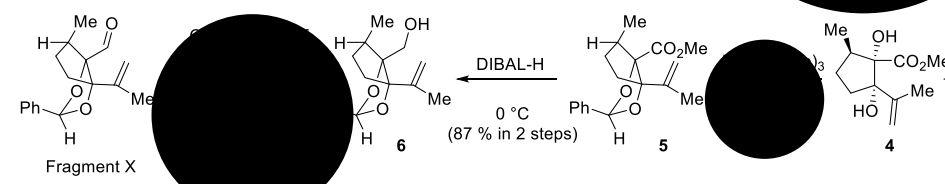
- isolated from *Persea indica*
- structurally related to ryanodine
- may selectively modulate Ca²⁺ release in insects



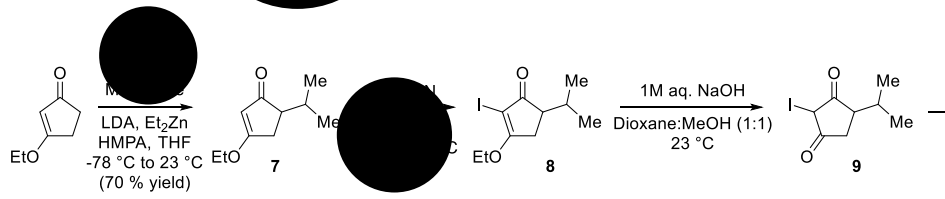
Retrosynthetic analysis



Box 1

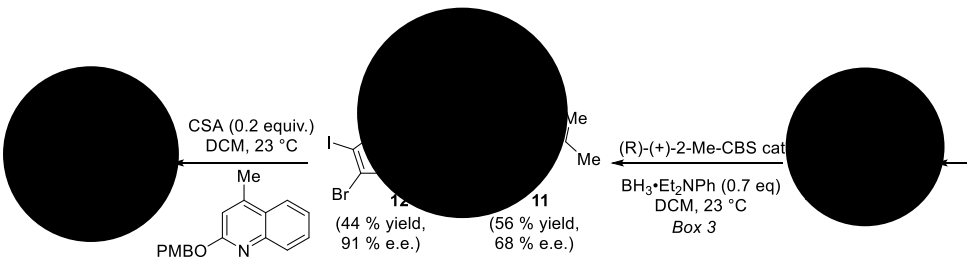


Box 2

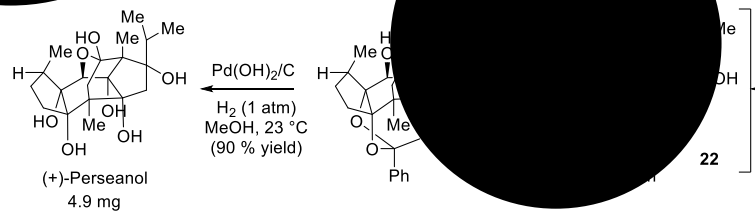
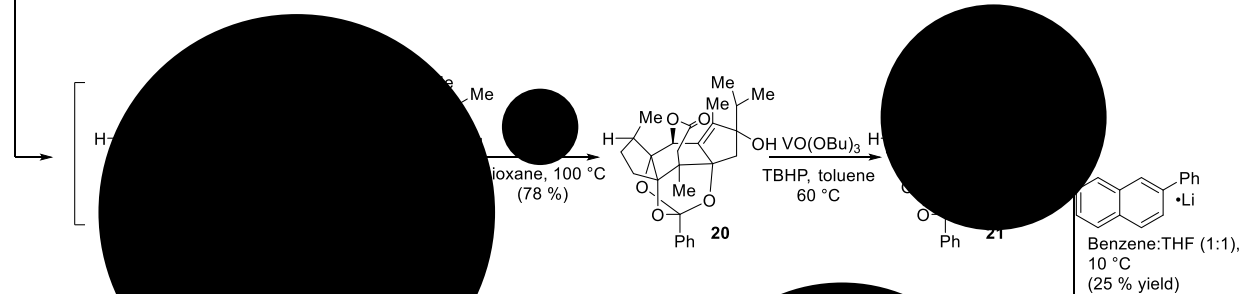
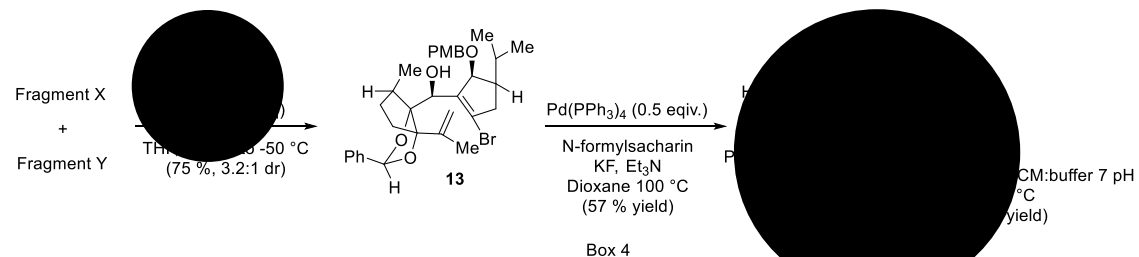


CCOC1=CC=C(C)C1=O
 $\xrightarrow[\text{DCM}]{(\text{COBr})_2}$
 $\xrightarrow[\text{0}^\circ\text{C to } 23^\circ\text{C}]{\text{DMF}}$

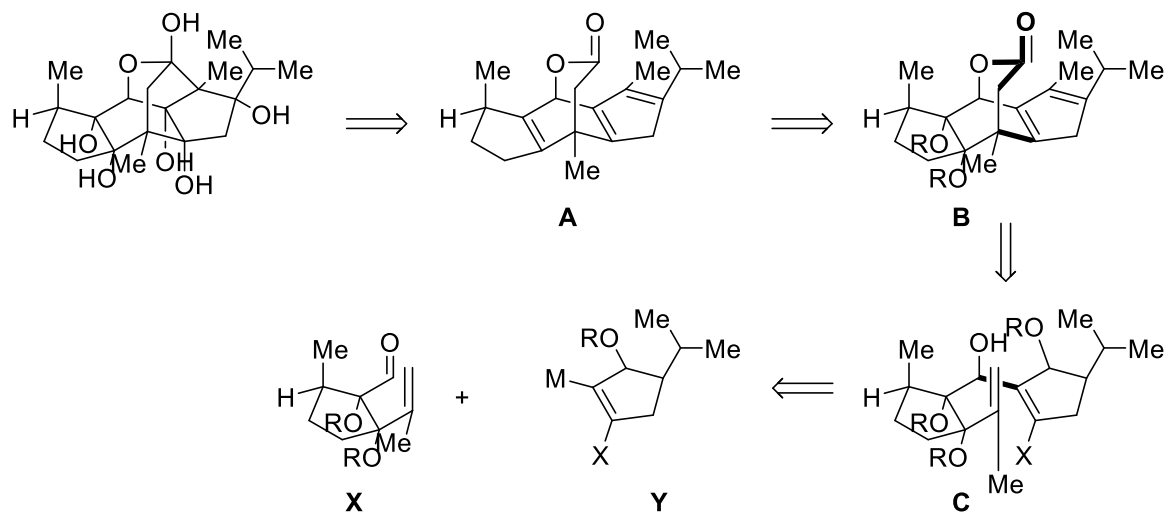
 (68% yield in 2 steps, 5:1 r. r.)



Box 3



Solutions :



Retrosynthetic analysis

