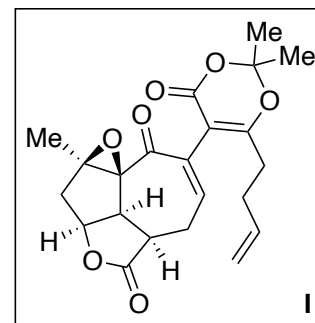


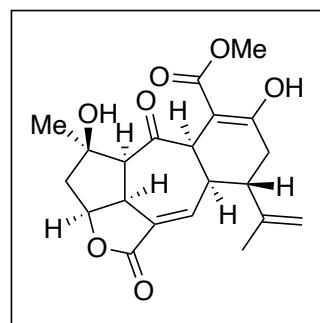
15) CuTC, AsPh<sub>3</sub>, Pd<sub>2</sub>(dba)<sub>3</sub>,  
toluene/DMF, 80°C, **70%**



16) NEt<sub>3</sub>, TESOTf, CH<sub>2</sub>Cl<sub>2</sub>,  
-78 to 0 °C  
17) TBAF/AcOH, THF, 0 °C,  
**44%**

18) CuCl, Pd(OAc)<sub>2</sub>, air,  
DMF/H<sub>2</sub>O, rt, **41%**

18) Name?  
**Wacker-Tsuji Oxidation**

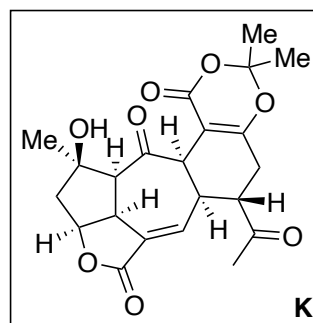


Rameswaralide

20) **Z**, LiHMDS, THF, -78 °C,  
**75%**

21) MeOH, mesitylene, 120 °C,  
sealed tube, **32%**

20) Name?  
**Julia-Kocienski Olefination**



19) pyrrolidine, pyrrolidine\*HCl,  
DMF, rt, **26%**

