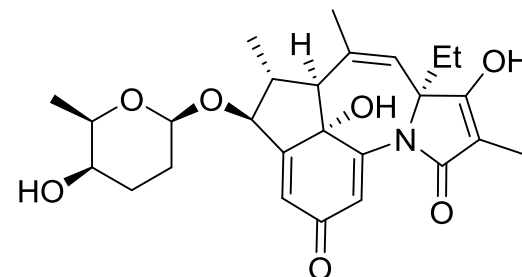


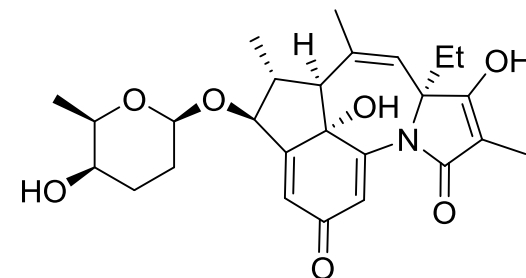
Total Syntheses of (+)- and (-)-Tetrapetalones A and C

Heemal H. Dhanjee, Yutaka Kobayashi, Jonas F. Buerger, Travis C. McMahon, Matthew W. Haley,
Jennifer M. Howell, Koichi Fujiwara, and John L. Wood
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- Was first isolated by Hirota and co-workers from *Streptomyces* sp. USF-4727 in 2003 in their pursuit of novel lipoxygenase inhibitors.
- Contains a stereogenic p-quinol, four contiguous stereocenters, and a trisubstituted olefin lies in the fused azepine.
- Has a β -linked rhodnose moiety.



Tetrapetalone A



Tetrapetalone A

Previous Work and retro-synthesis

