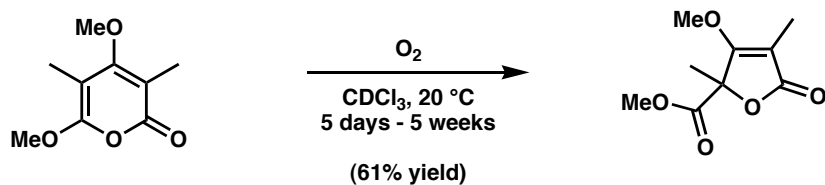


Mechanism Club

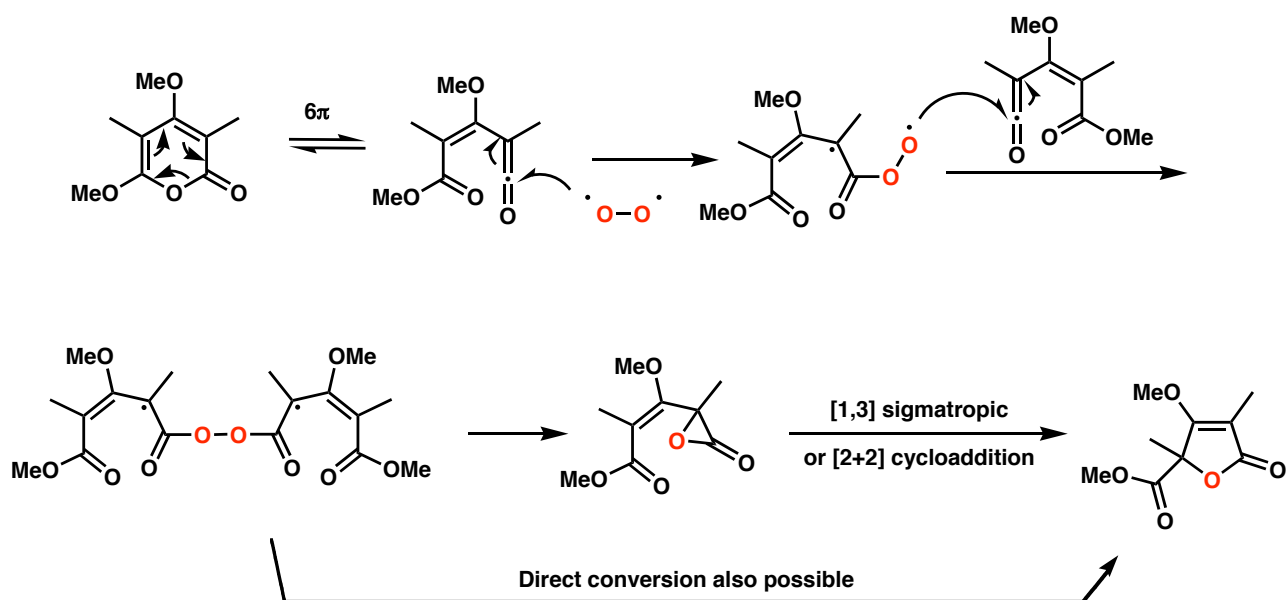
10/7/05

Answers

1.

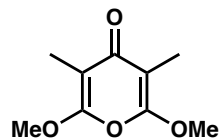


J. E. Baldwin *Org. Lett.* **2005**, 7, 3705-3707.

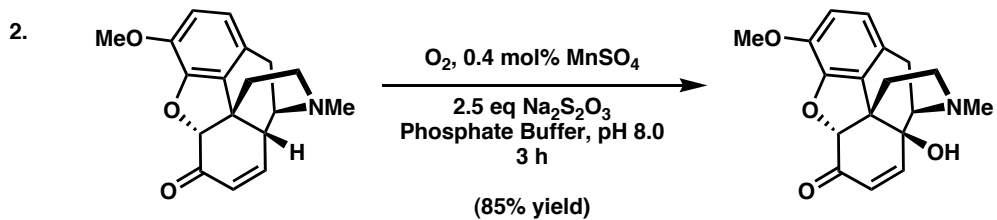


^{18}O labeling studies confirm the oxygen in the butenolide ring comes from molecular oxygen.

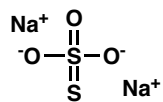
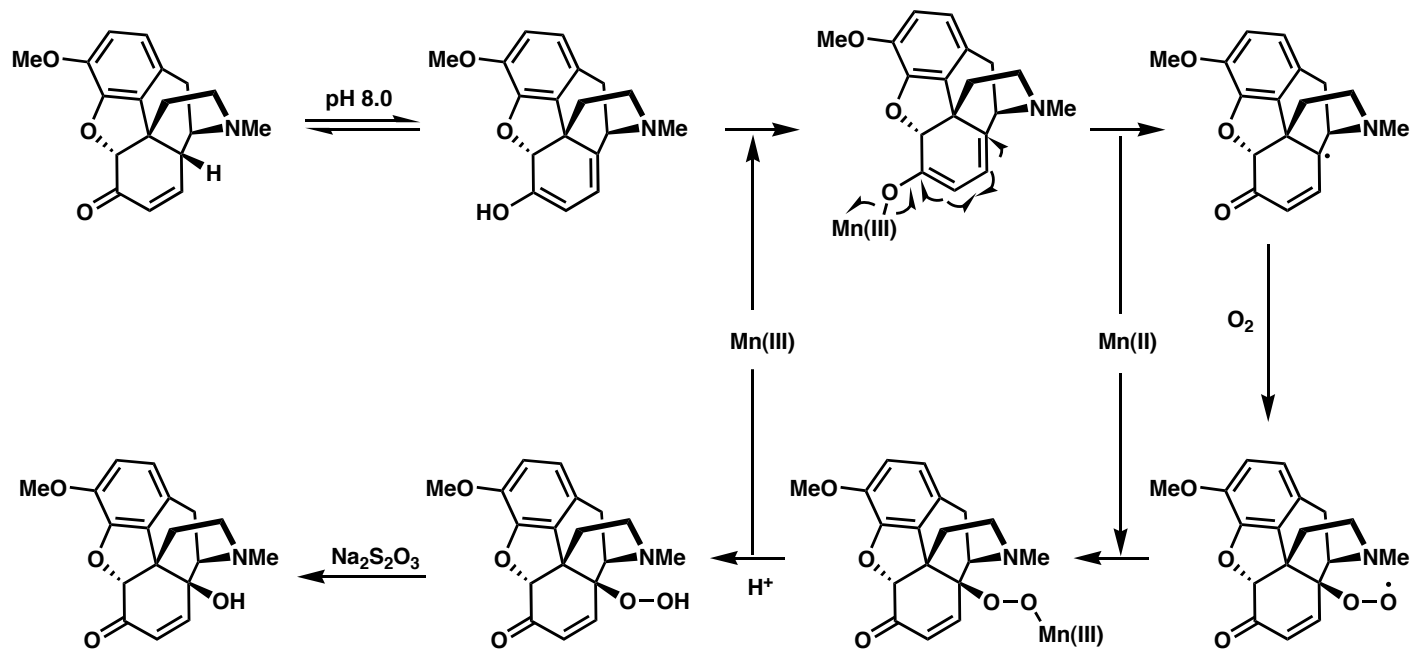
Cha (ref 7 in paper) has reported pyrone scrambling through similar ring openings via ketenes.



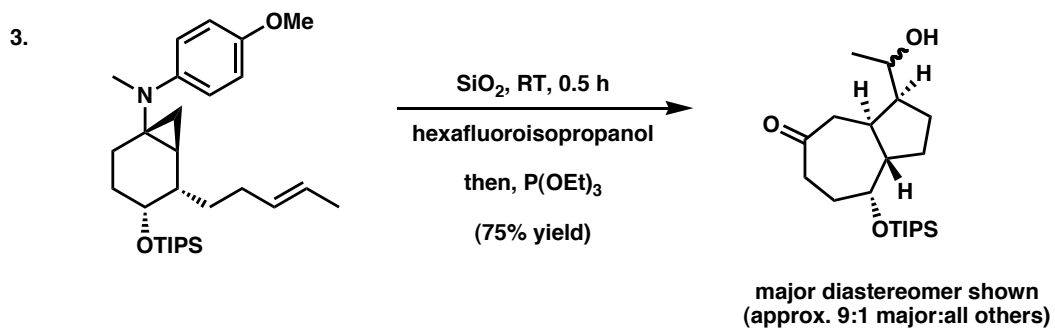
Completely stable to O_2



P. C. Michels *J. Am. Chem. Soc.* **2005**, *127*, 7286-7287.



sodium thiosulfate



J. K. Cha. *J. Am. Chem. Soc.* **2001**, *123*, 11322-11324.

