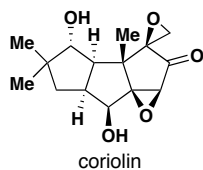


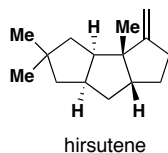
Coriolin & Related Natural Products

Gallagher

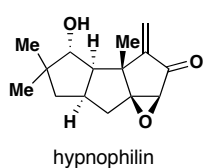
Triquinane Natural Products:



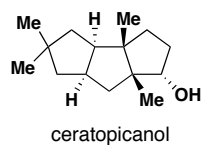
Tatsuda, *J. Antibiotics*, **1980**, 33, 100.
 Danishefsky, *J. Am. Chem. Soc.* **1980**, 102, 2097.
 Ikegami, *Tet. Lett.* **1980**, 21, 3587.
 Trost, *J. Am. Chem. Soc.*, **1981**, 103, 7380.
 Mehta, *J. Chem. Soc. Chem. Commun.*, **1982**, 540.
 Wender, *Tet. Lett.*, **1983**, 24, 5325.
 Demuth, *J. Am. Chem. Soc.*, **1986**, 108, 4149.
 Wender, *J. Am. Chem. Soc.*, **1987**, 109,
 Curran, *J. Am. Chem. Soc.*, **1988**, 110, 5064.
 Paquette, *J. Am. Chem. Soc.*, **2002**, 124, 9199.



Nozoe, *Tet. Lett.*, **1976**, 195.
 Matsumoto, *Tet. Lett.*, **1976**, 2795
 Tatsuda, *J. Am. Chem. Soc.*, **1979**, 101, 6116-8
 Mehta, *J. Chem. Soc. Chem. Commun.*, **1981**, 756.

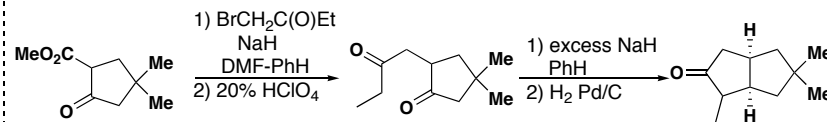


Paquette, *J. Am. Chem. Soc.*, **2002**, 124, 9199.

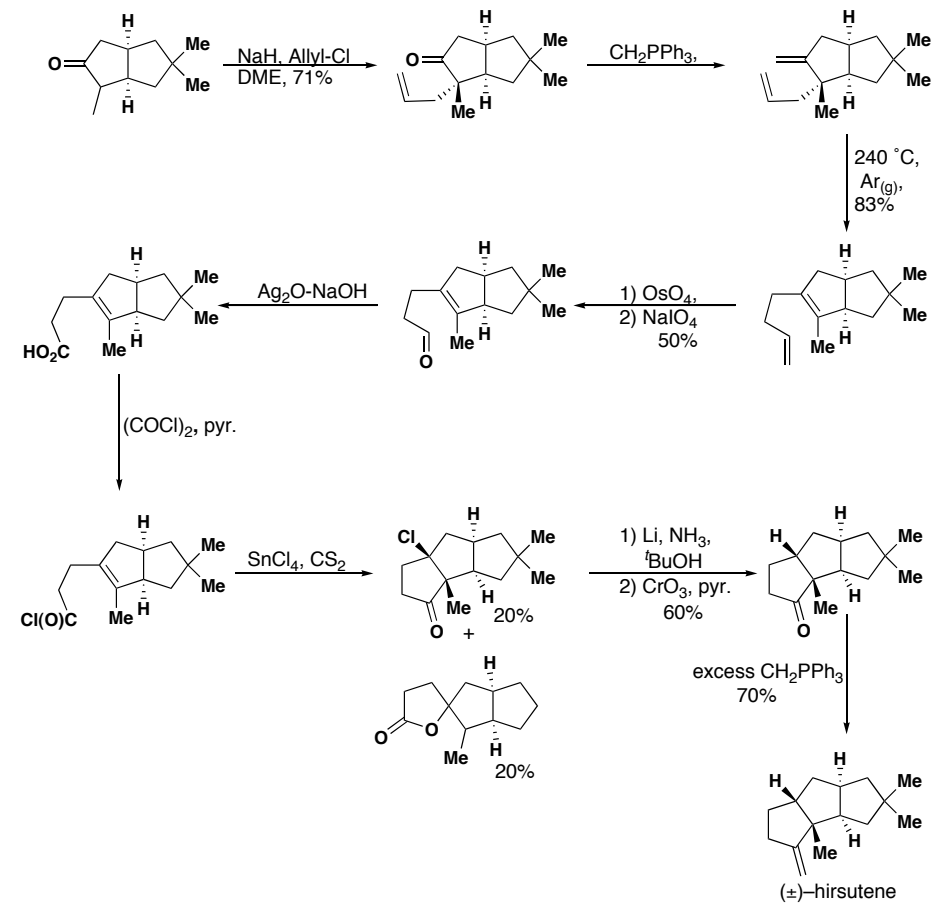


Paquette, *J. Am. Chem. Soc.*, **2002**, 124, 9199.

Matsumoto, *Tet. Lett.*, **1969**, 3913



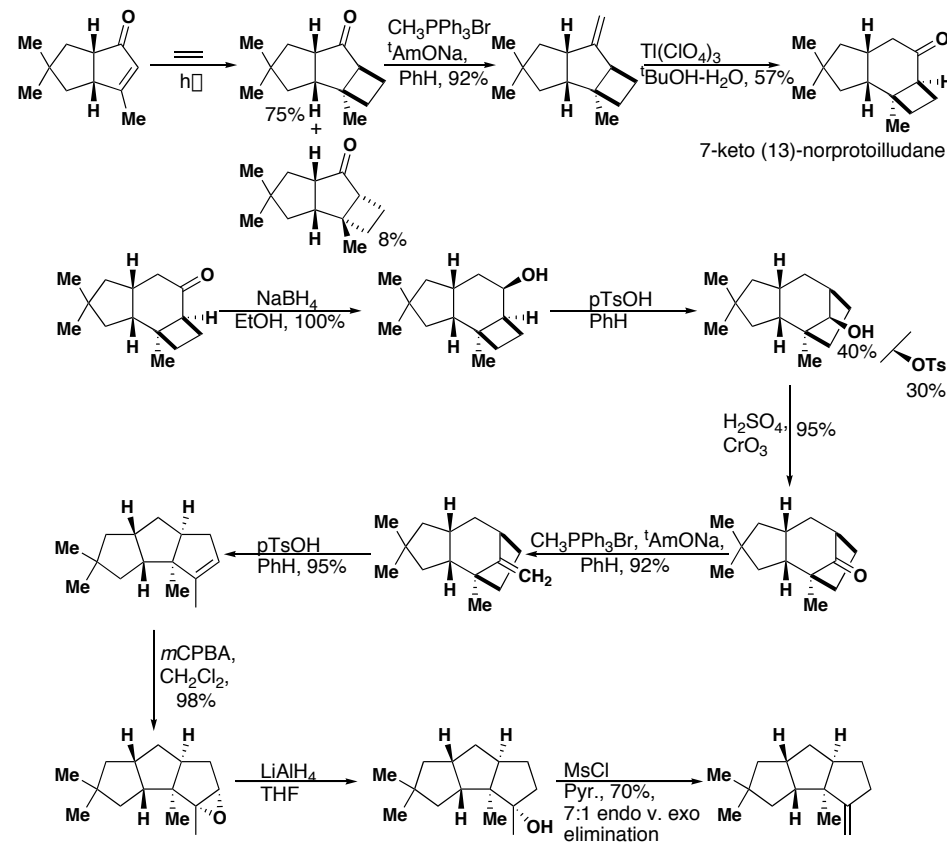
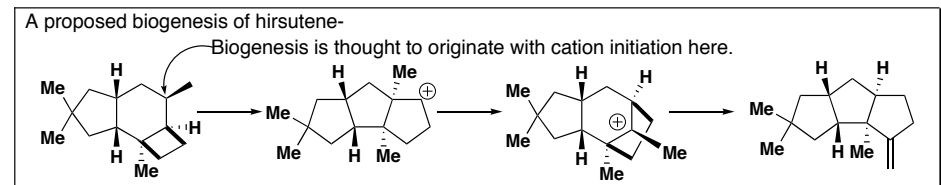
Nozoe, *Tet. Lett.*, **1976**, 195 (identification and first synthesis of (\pm)-hirsutene).



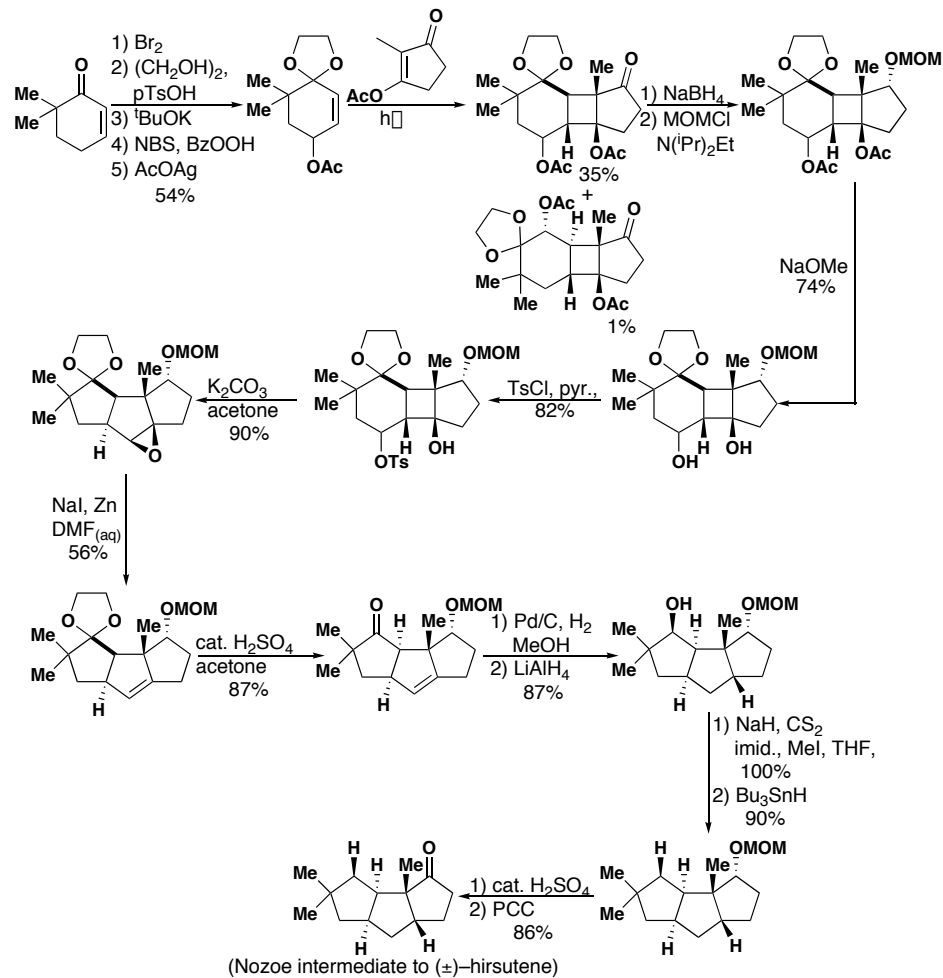
Coriolin & Related Natural Products

Matsumoto, *Tet. Lett.*, **1975**, 4377 (7-keto (13)-norprotoilludane).

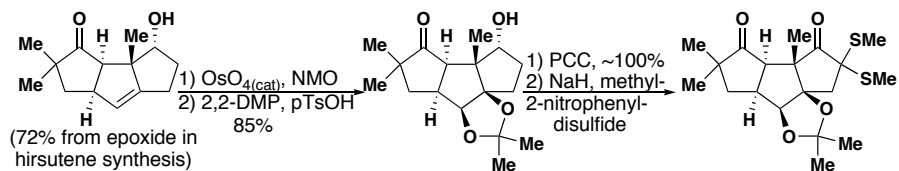
Matsumoto, *Tet. Lett.*, **1976**, 2795 (\pm)-hirsutene)



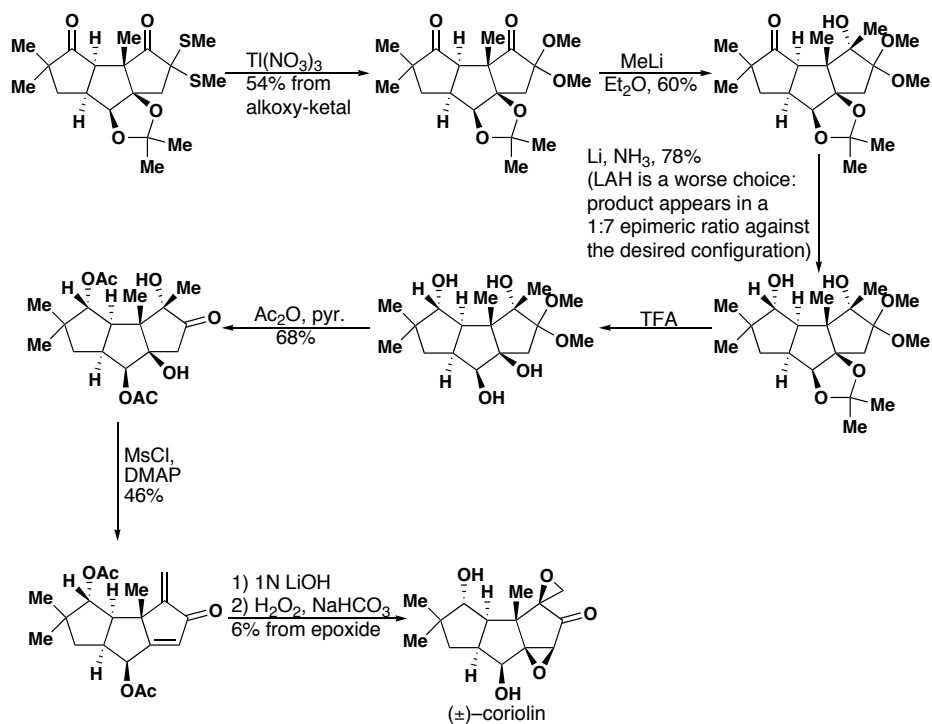
Tatsuda, *J. Am. Chem. Soc.*, **1979**, 101, 6116-8 (\pm)-hirsutene)



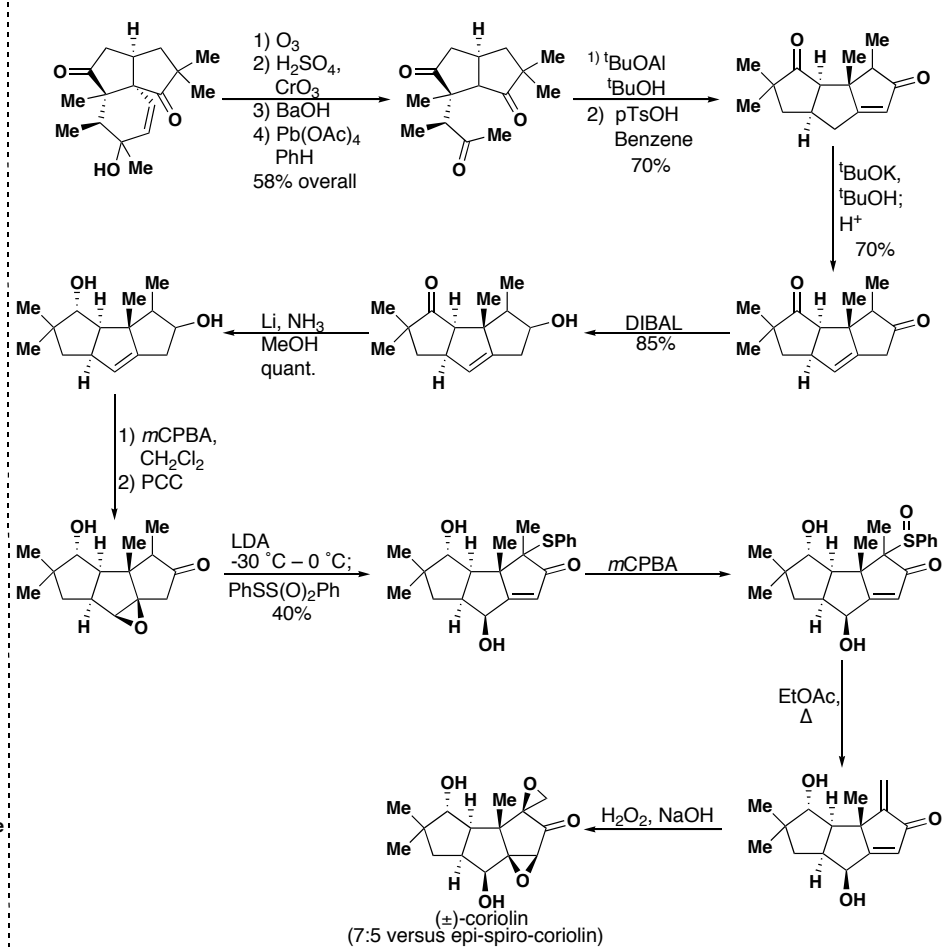
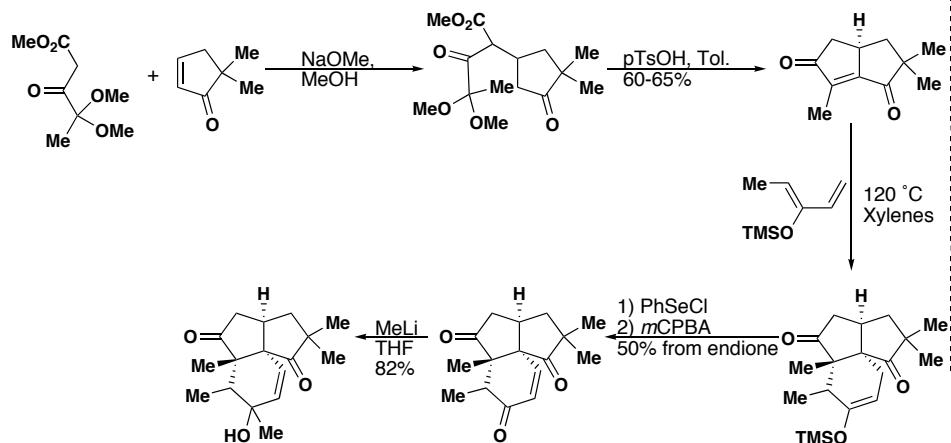
Tatsuda, *J. Antibiotics*, **1980**, 33, 100 (\pm)-coriolin).



Coriolin & Related Natural Products

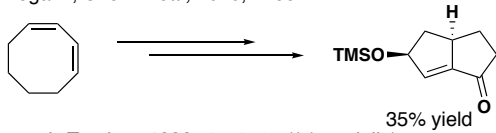


Danishefsky, *J. Am. Chem. Soc.* **1980**, *102*, 2097 ((±)-coriolin)

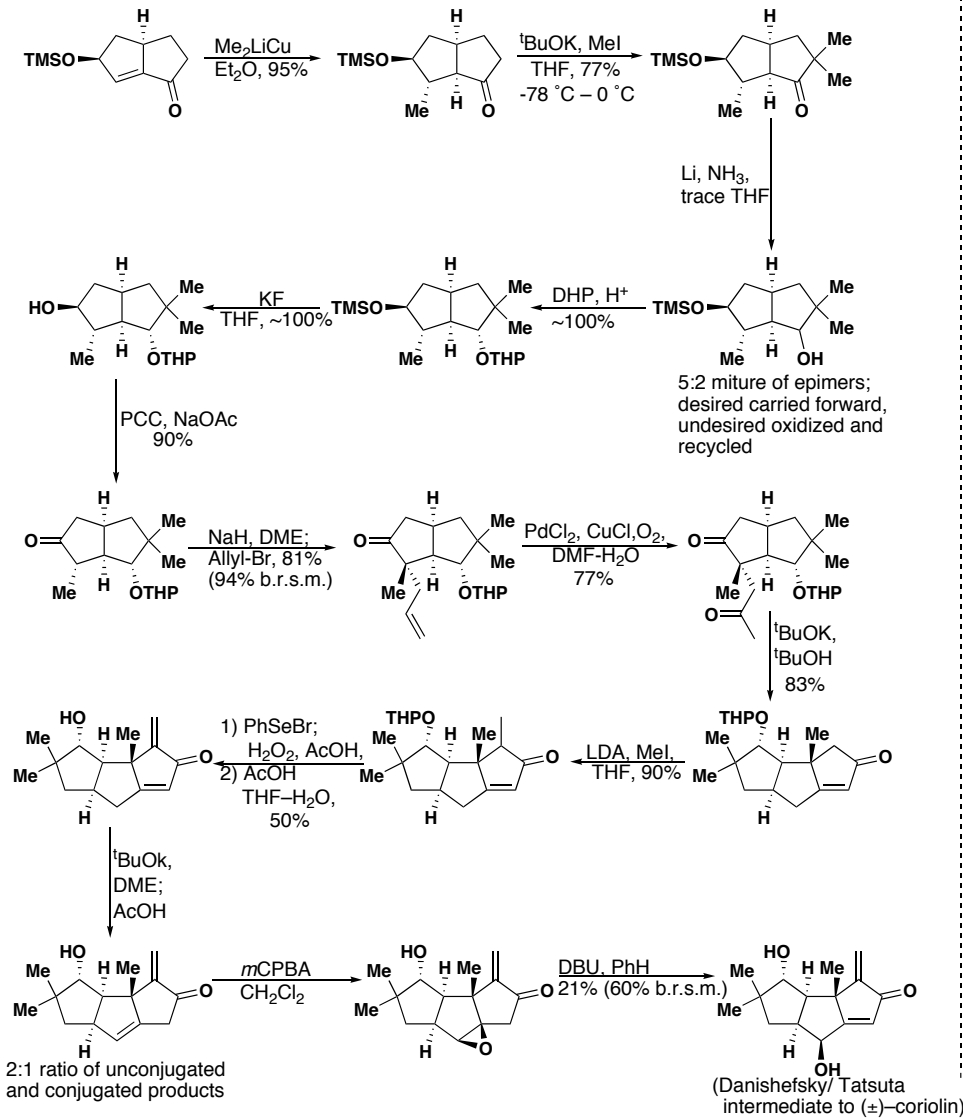


Coriolin & Related Natural Products

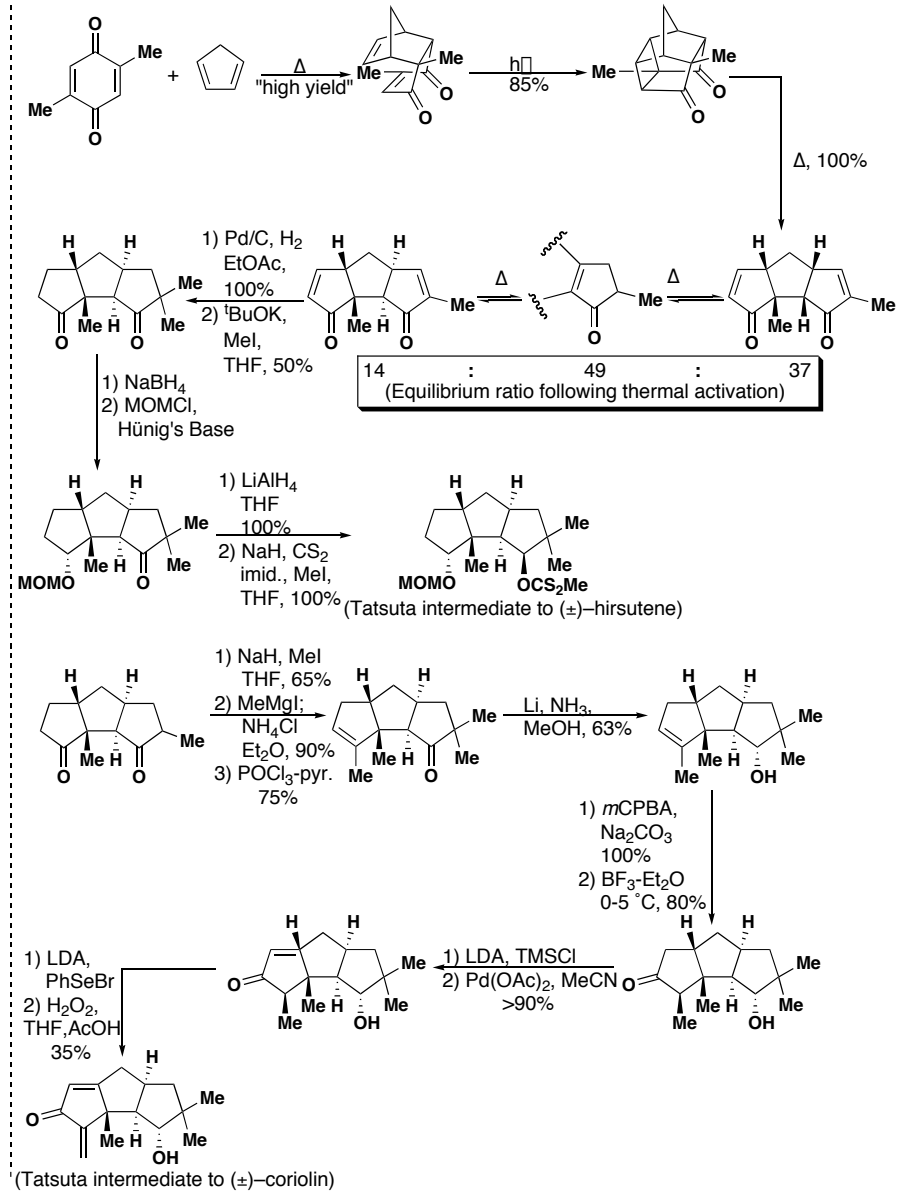
Ikegami, *Chem. Lett.*, **1979**, 1299.



Ikegami, *Tet. Lett.* **1980**, 21, 3587 ((±)-coriolin)

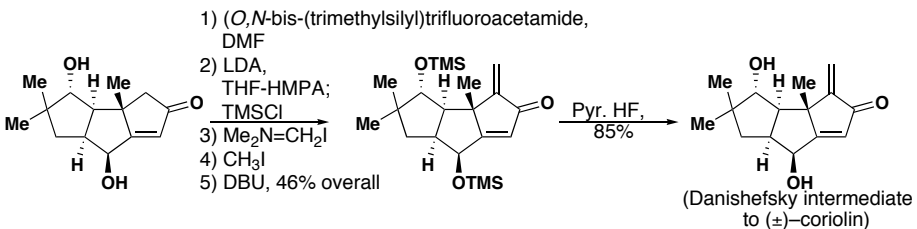
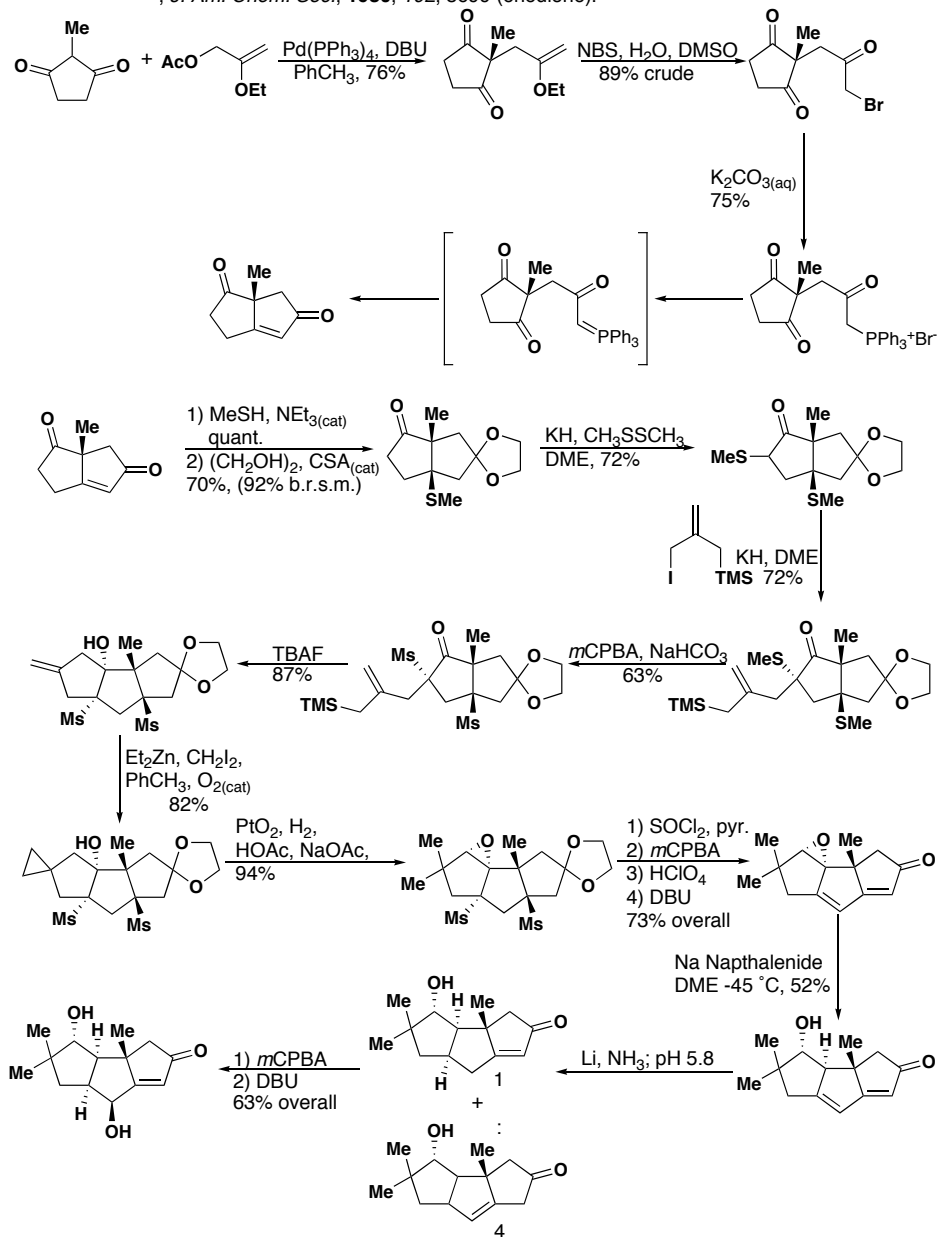


Mehta, *J. Chem. Soc. Chem. Commun.*, **1981**, 756-7 ((±)-hirsutene).
 Mehta, *J. Chem. Soc. Chem. Commun.*, **1982**, 540-1 ((±)-coriolin).

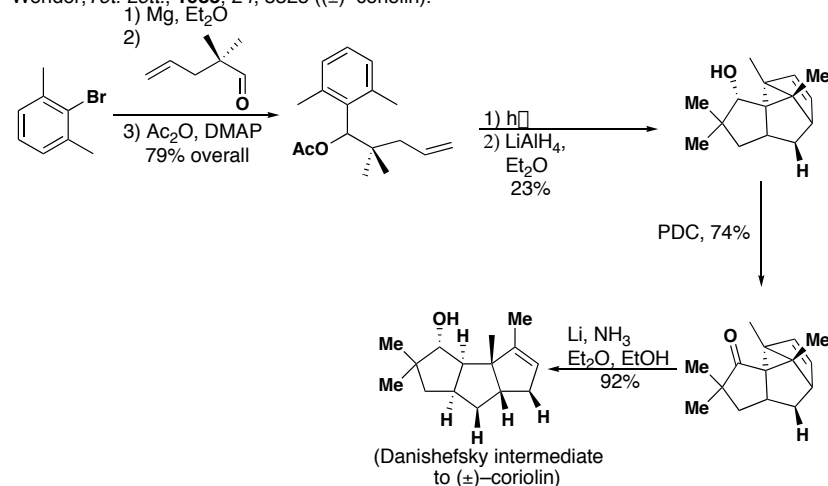


Coriolin & Related Natural Products

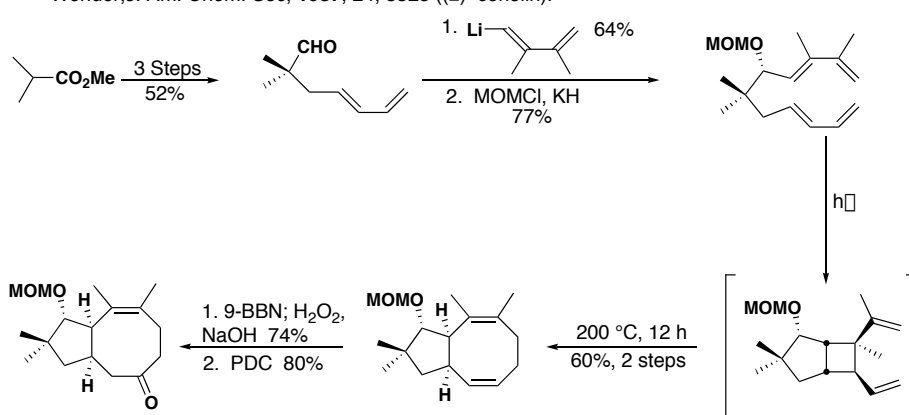
Trost & Curran, *J. Am. Chem. Soc.*, **1981**, *103*, 7380 ((±)-coriolin).
 " " , *J. Am. Chem. Soc.*, **1980**, *102*, 5699 (enedione).



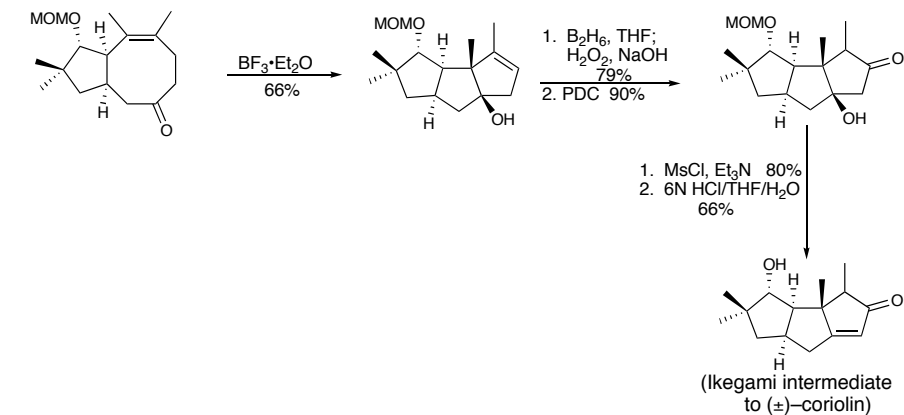
Wender, *Tet. Lett.*, **1983**, *24*, 5325 ((±)-coriolin).



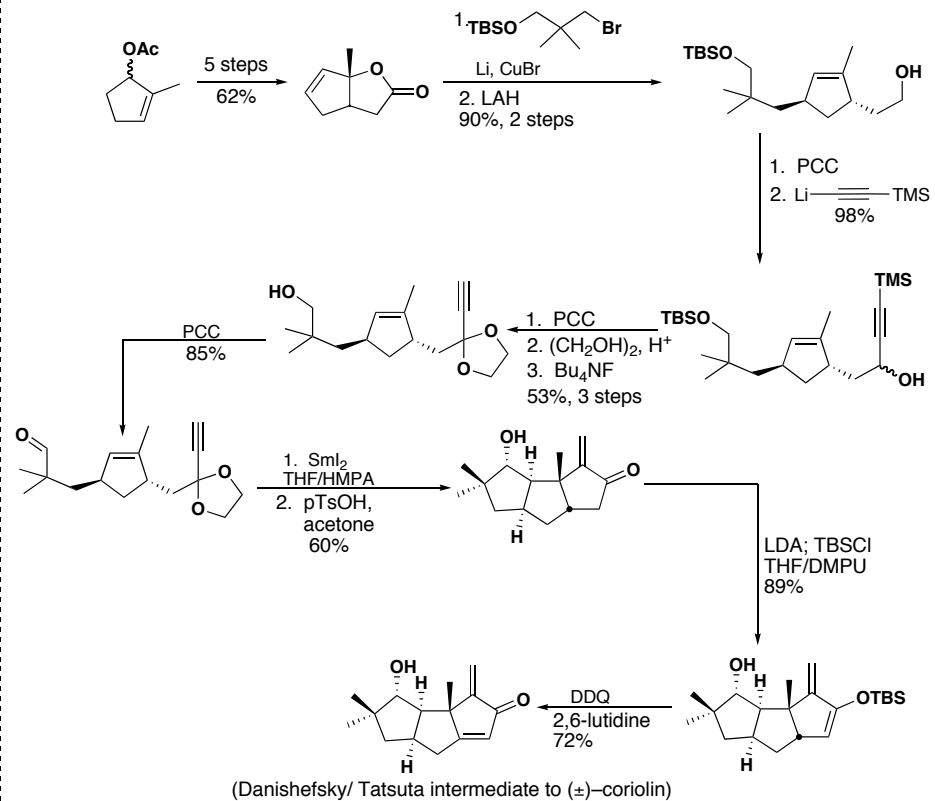
Wender, *J. Am. Chem. Soc.*, **1987**, *24*, 5325 ((±)-coriolin).



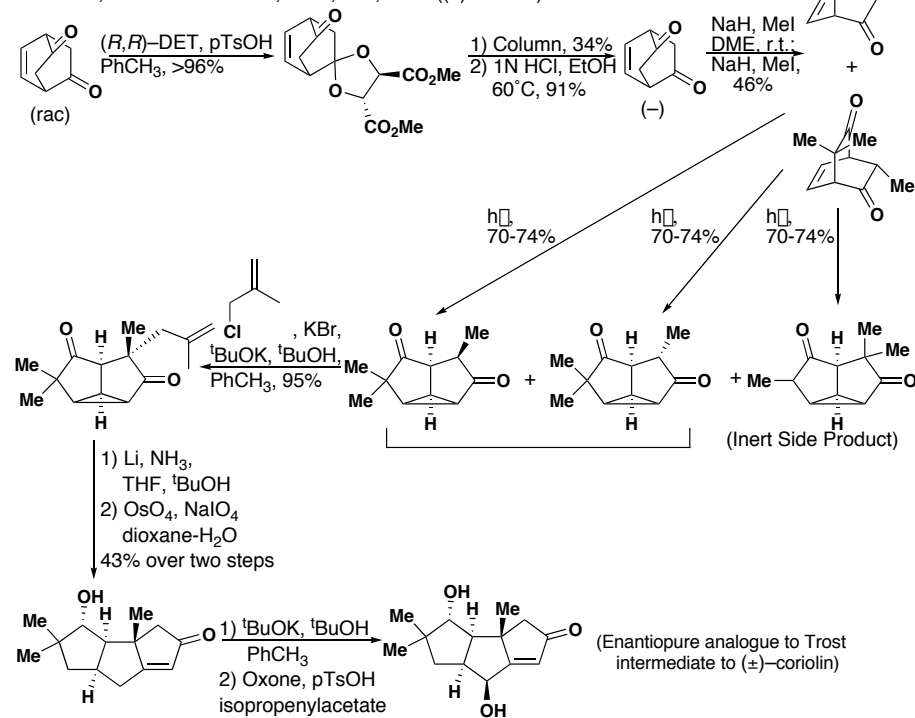
Coriolin & Related Natural Products



Curran, *J. Am. Chem. Soc.*, **1988**, *110*, 5064 ((±)-coriolin)

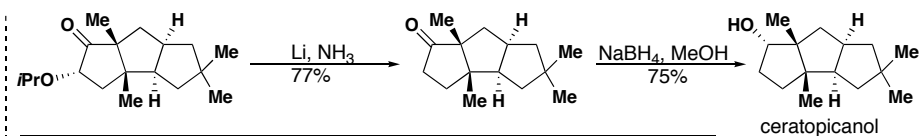
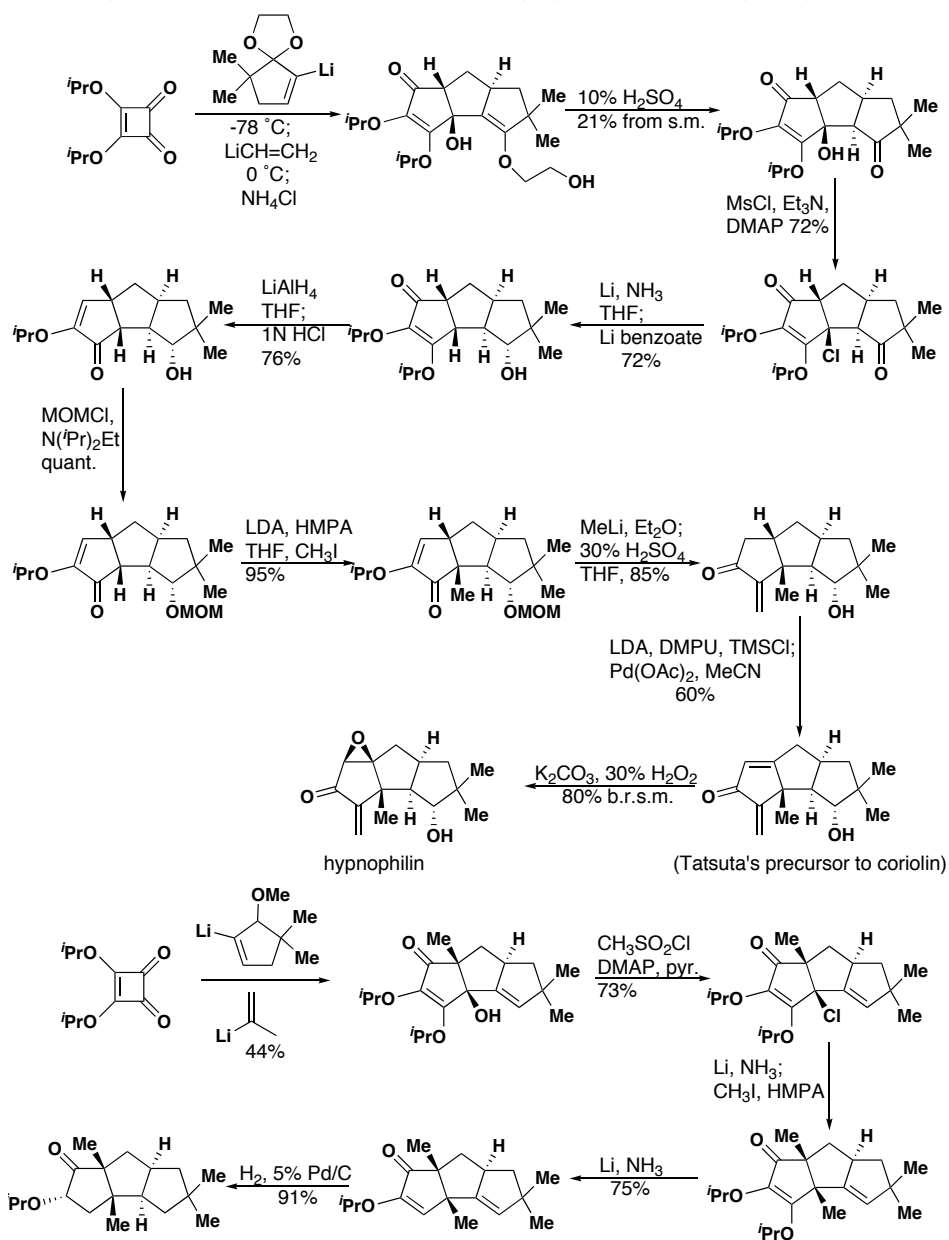


Demuth, *J. Am. Chem. Soc.*, **1986**, *108*, 4149 ((-)-coriolin).

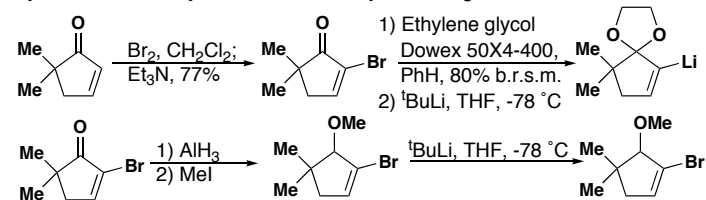


Coriolin & Related Natural Products

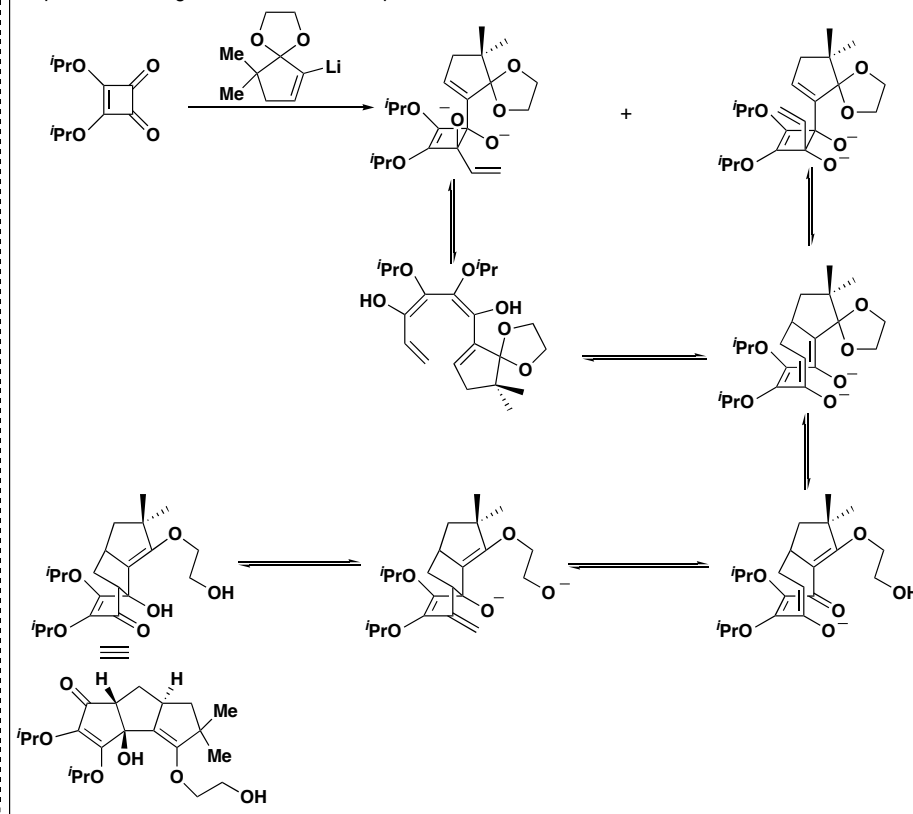
Paquette, *J. Am. Chem. Soc.*, **2002**, *124*, 9199 (hypnophilin, coriolin, ceratopicanol).



Synthesis of dimethylithio ketal lithio vinyl ether fragments



Paquette and Geng's entrance into the triquinane nucleus-



John Gallagher gratefully acknowledges and thanks the Evan's Group for their website and the information pertaining to Professor Wender and Curran's syntheses of coriolin.

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