

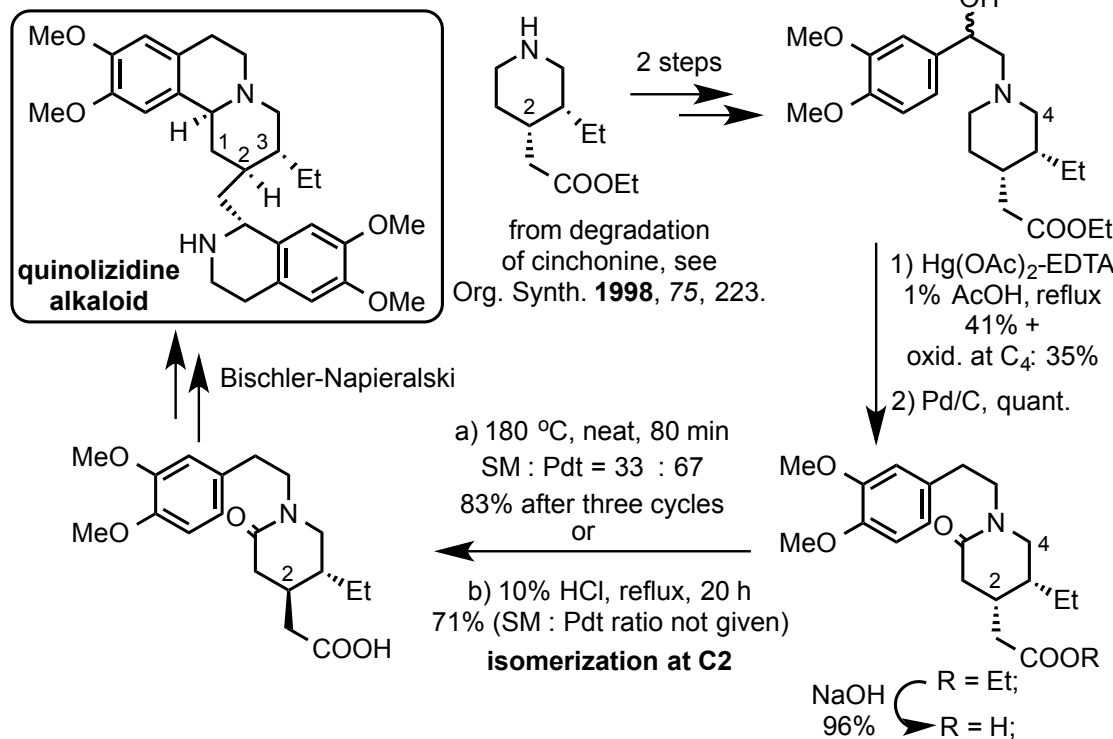
**History of Tetrahedron:**

- Founded in 1958 with the help of Sir Robert Robinson and Robert Burns Woodward;
- Weekly peer-reviewed scientific journal;
- Impact factor (2014): 2.641.

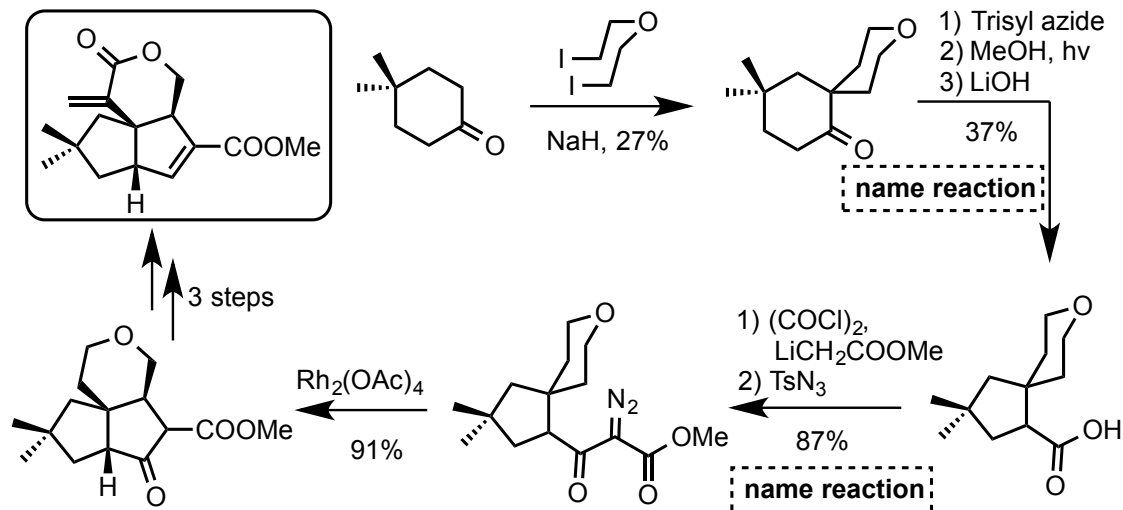
**Notable Events of Tetrahedron in the 1980s:**

- ◆ The Tetrahedron Prize for Creativity in Organic Chemistry (established in 1980):
  - 1) intended to honour the memory of the founding co-Chairmen of Tetrahedron publications;
  - 2) prize winners in the 1980s: Albert Eschenmoser (1981); Elias J. Corey (1983); Gilbert Stork (1985); Arthur J. Birch (1987).
- ◆ A supplement issue in 1981 (volume 37): Woodward Memorial Issue.
- ◆ Most cited paper: Iterative partial equalization of orbital electronegativity-A rapid access to atomic charges. J. Gasteiger; M. Marsili. **1980**, 36, 3219-3228. (2474 citations).
- ◆ Authors with most publications: Kenji Mori(89), Jack E. Baldwin(50), Derek H.R. Barton(35).

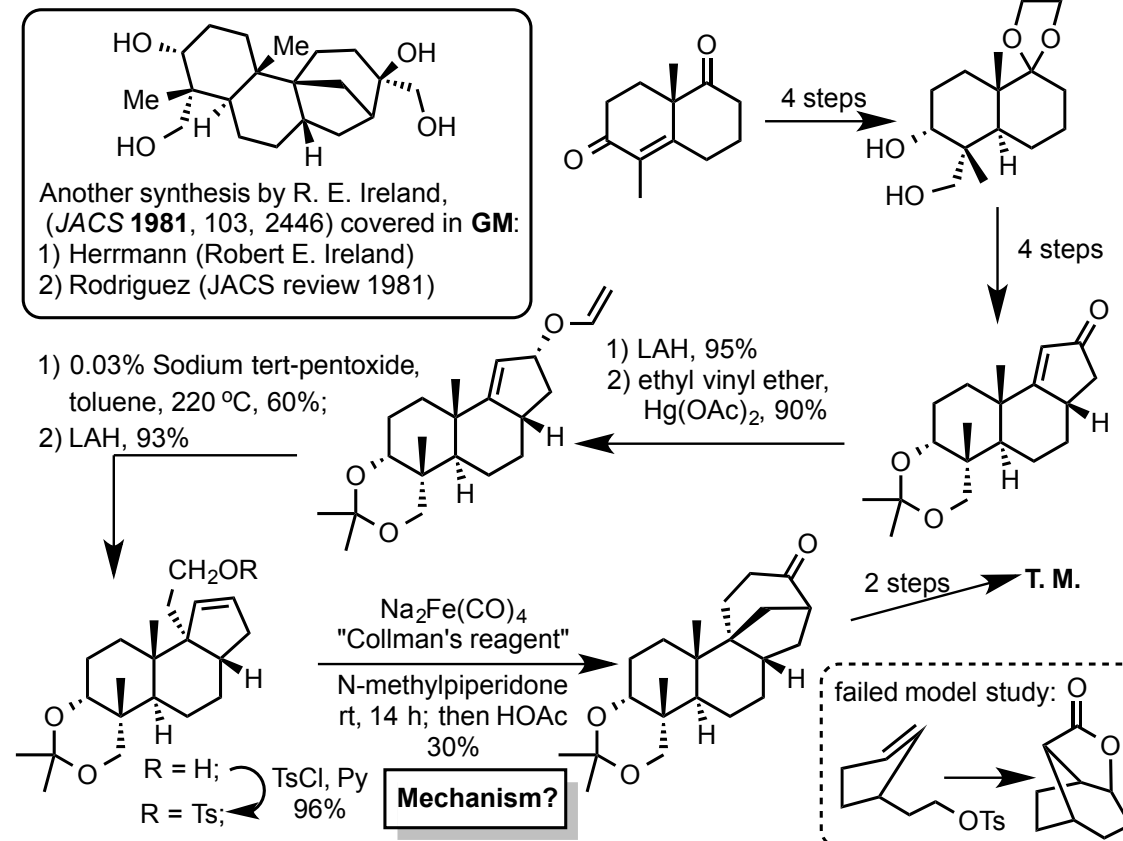
**(-)-emetine, Tozo Fujii, 1980, 36, 1539.**

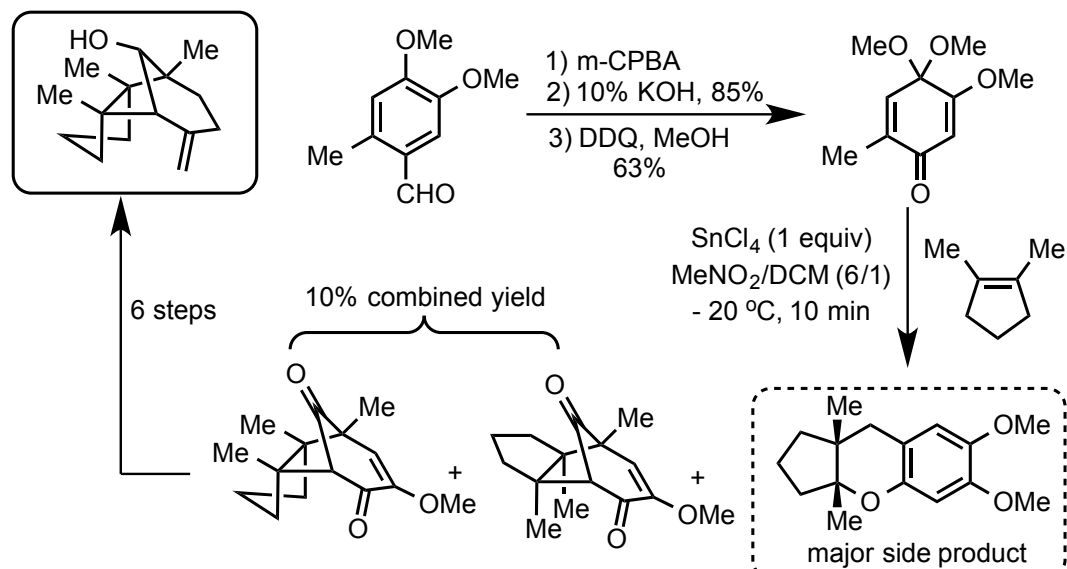
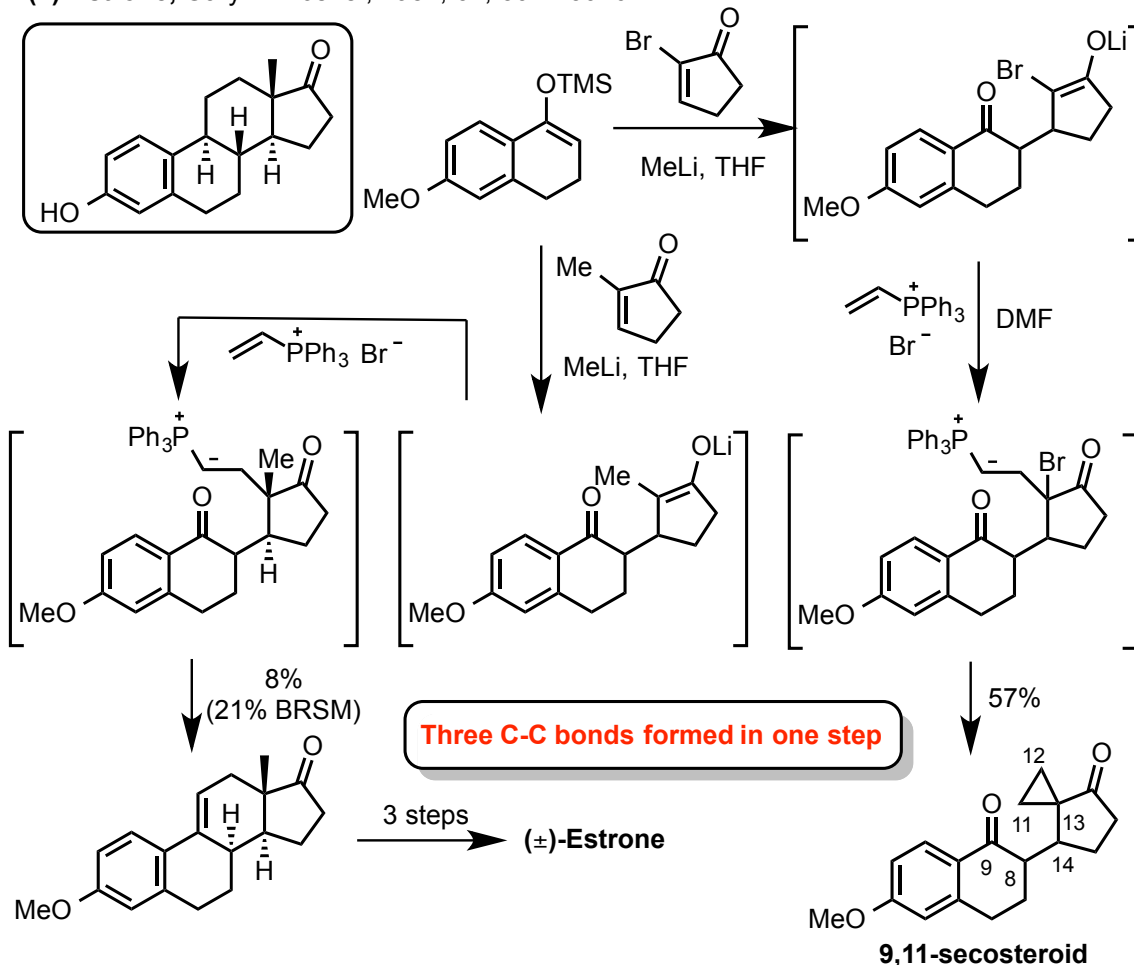
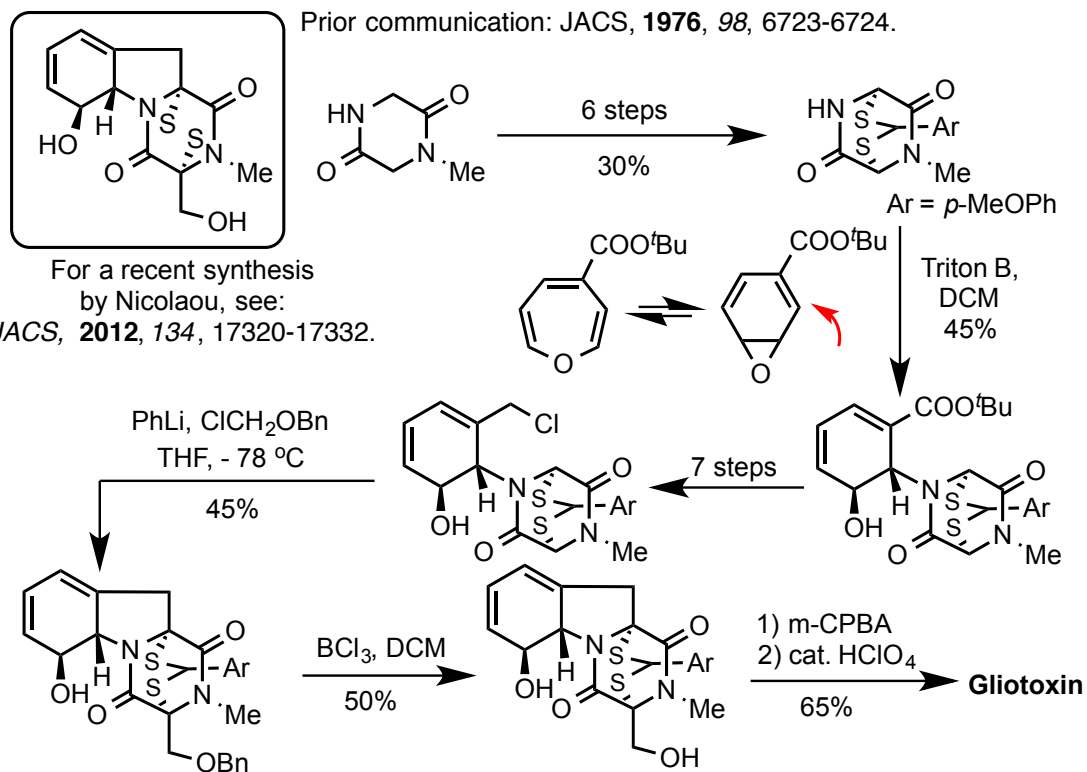
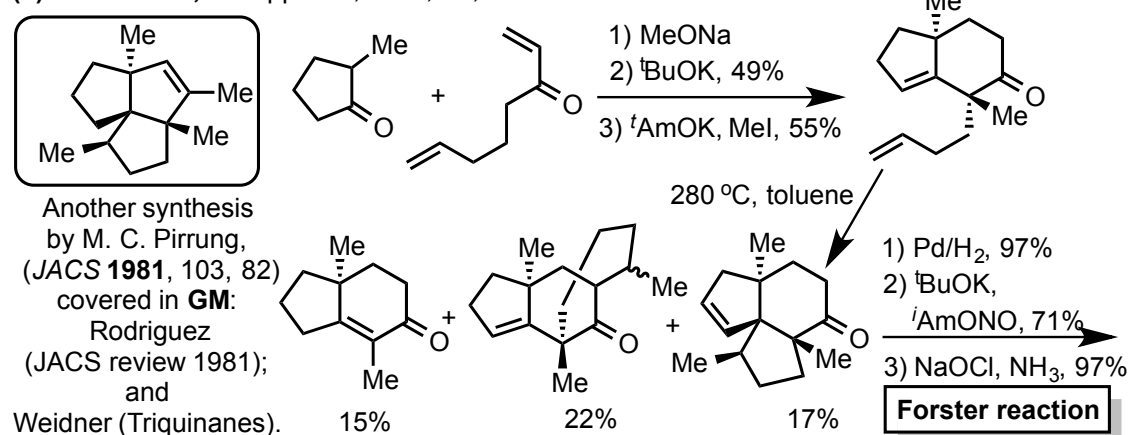


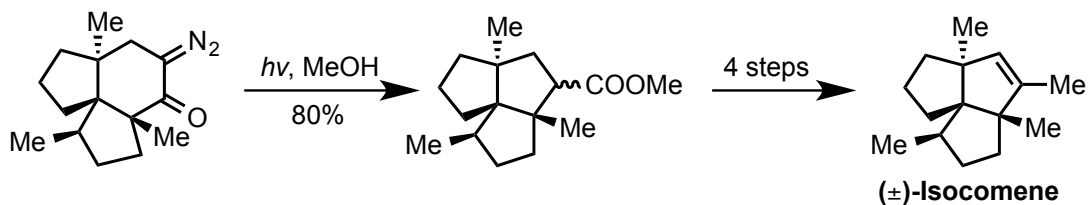
**(±)-Pentalenolactone E methyl ester, Douglass F. Taber, 1987, 43, 5677-5684.**



**(±)-Aphidicolin, John E. Mcmurry, 1981, 37, Supplement 1, 319-327.**

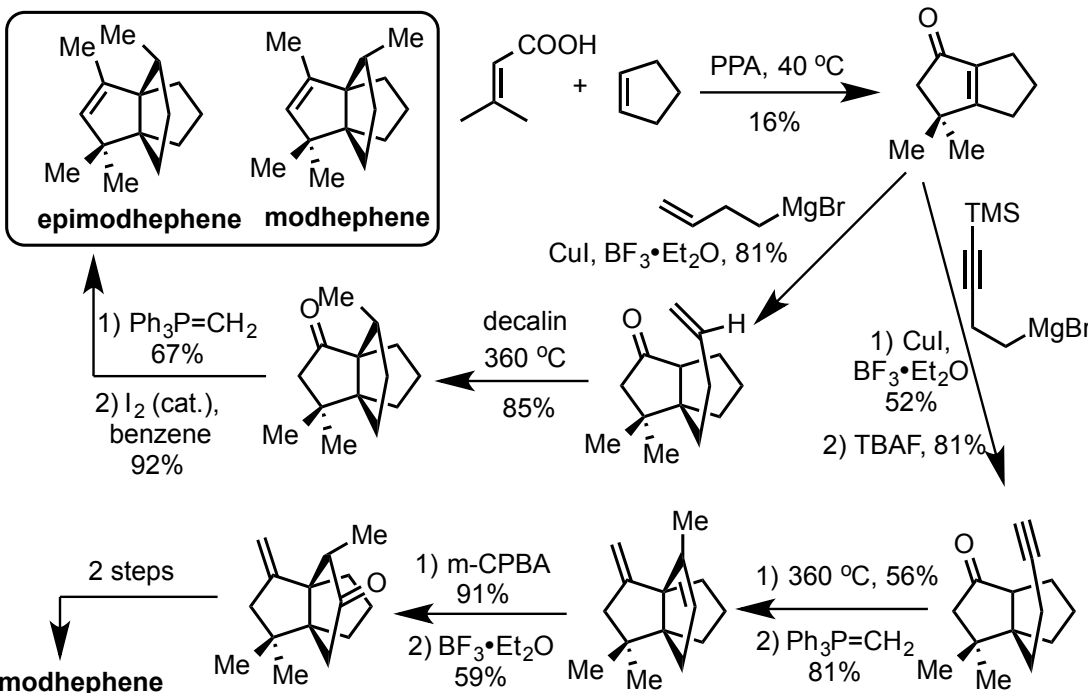


**Gymnomitrol**, George Buchi, **1981**, 38, 4509-4513.Another synthesis in (*JACS* **1981**, 103, 1831) covered in **GM**: Rodriguez (*JACS* review 1981).**(±)-Estrone**, Gary H. Posner, **1981**, 37, 3921-3926.**Gliotoxin**, Tohru Fukuyama and Yoshito Kishi, **1981**, 37, 2045-2078.Prior communication: *JACS*, **1976**, 98, 6723-6724.For a recent synthesis  
by Nicolaou, see:  
*JACS*, **2012**, 134, 17320-17332.**(±)-Isocomene**, W. Oppolzer, 1981, 37, 4359-4364.Another synthesis  
by M. C. Pirrung,  
(*JACS* **1981**, 103, 82)  
covered in **GM**:  
Rodriguez  
(*JACS* review 1981);  
and  
Weidner (Triquinanes).



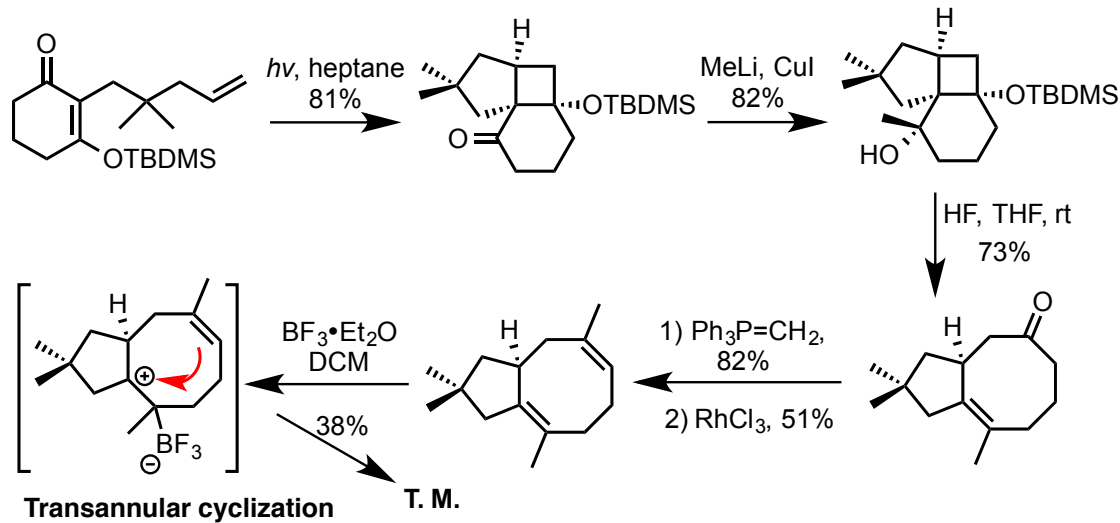
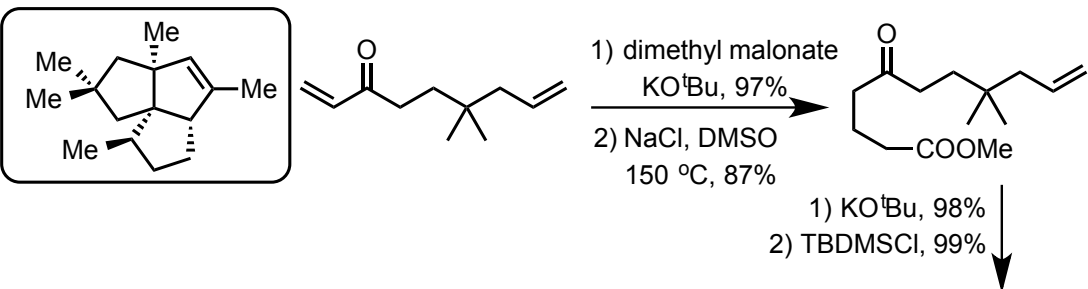
**(±)-Modhephene and (±)-epimodhephene**, Leo A. Paquette, **1981**, 37, 4431-4435.

For its communication (*JACS* **1981**, 103, 722) covered in **GM**: Rodriguez (*JACS* review 1981).

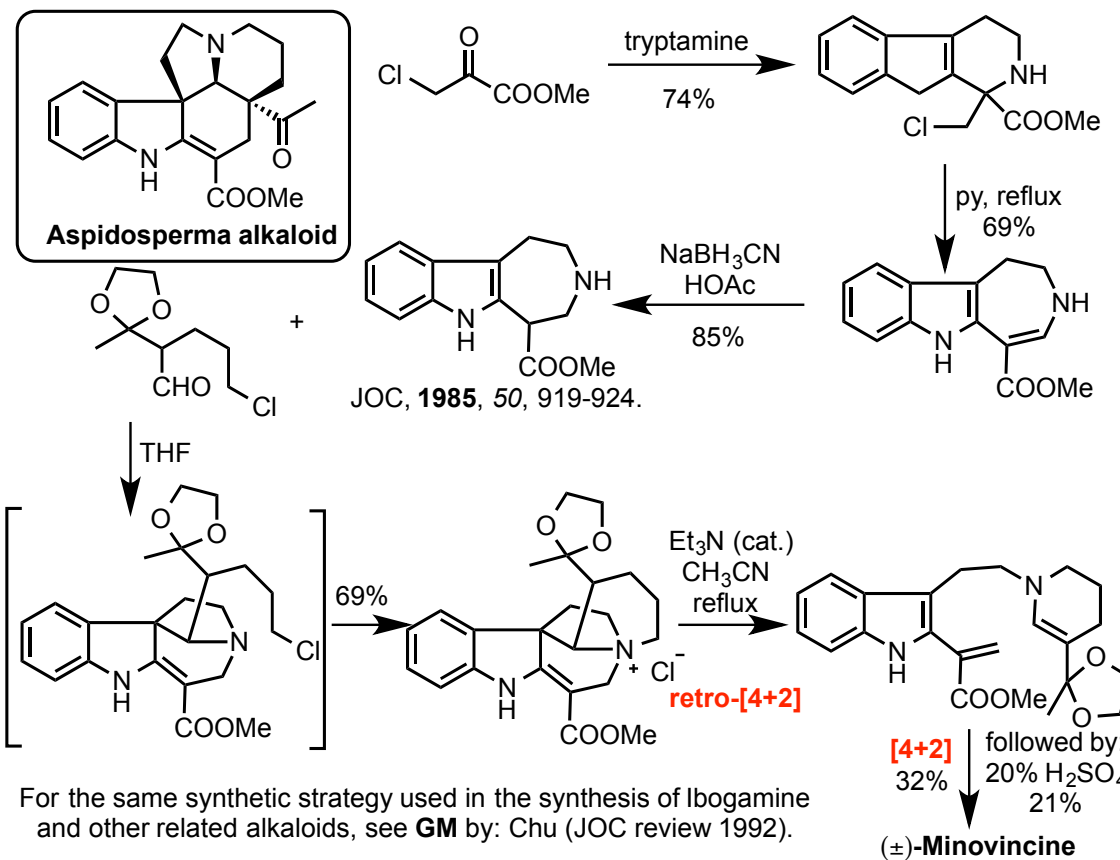


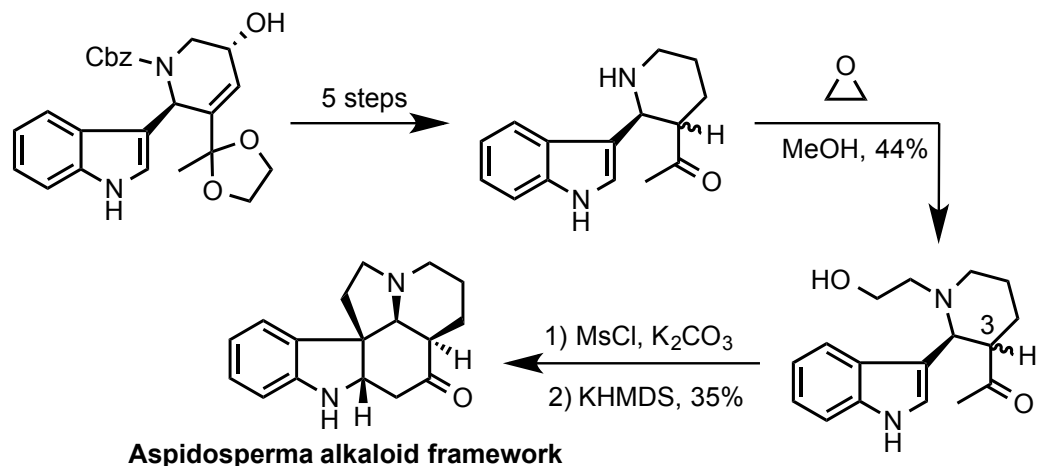
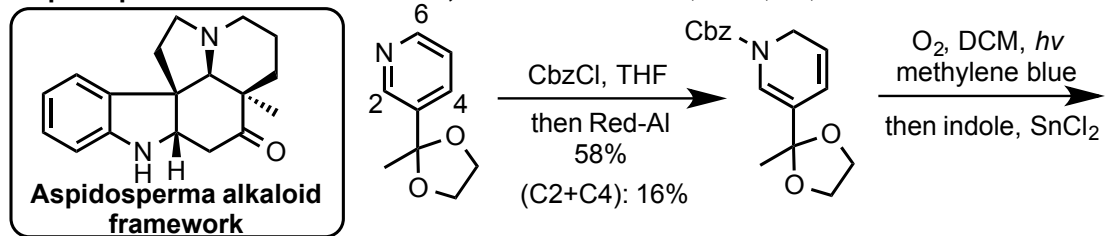
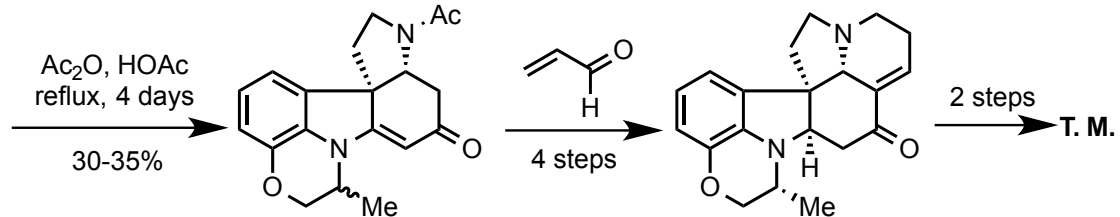
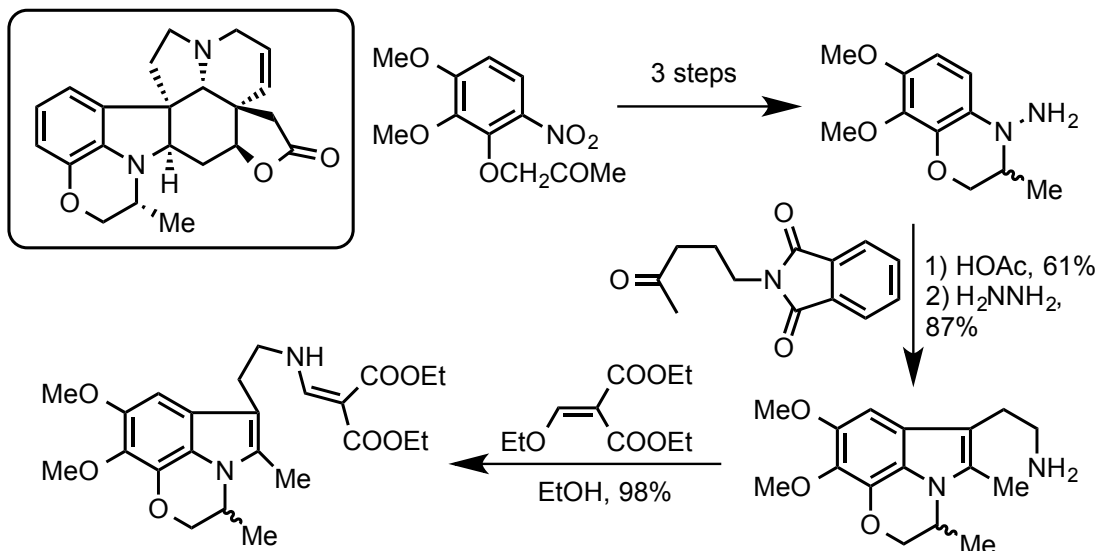
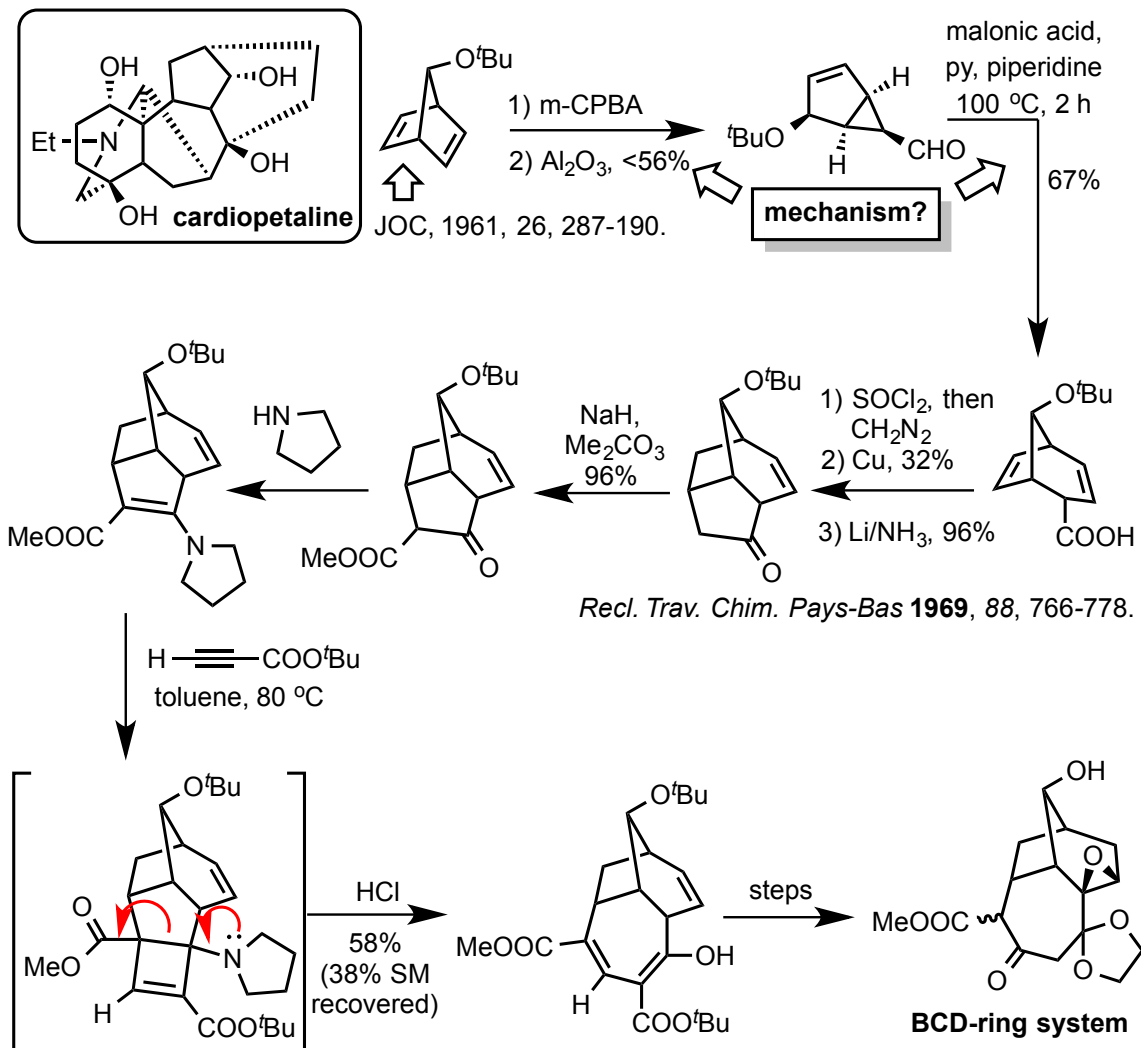
**(±)-Pentalenene**, Gerald Pattenden, **1987**, 43, 5637-5652.

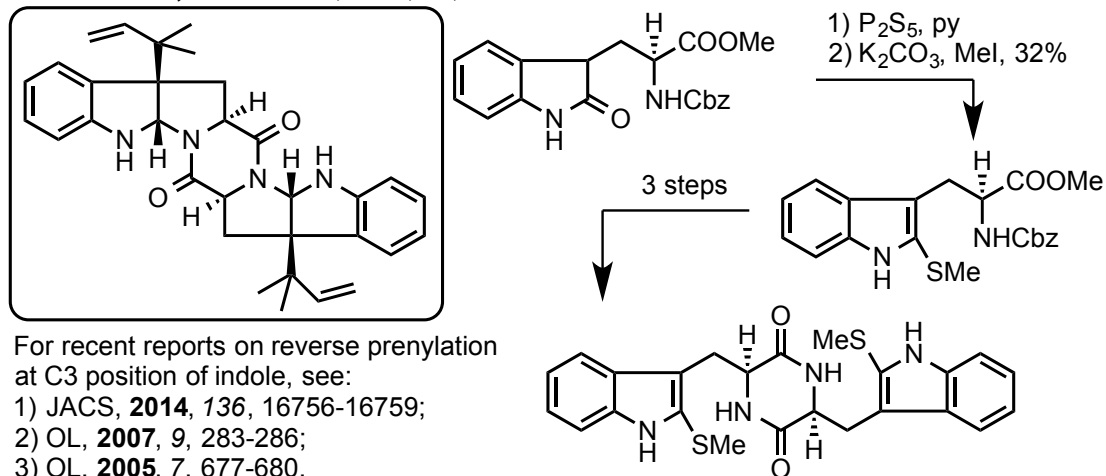
For a similar strategy in the synthesis of isoamijiol, see **GM** by: Horn (Gerald Pattenden).



**(±)-Minovincine**, Martin E. Kuehne, **1983**, 39, 3707-3714.

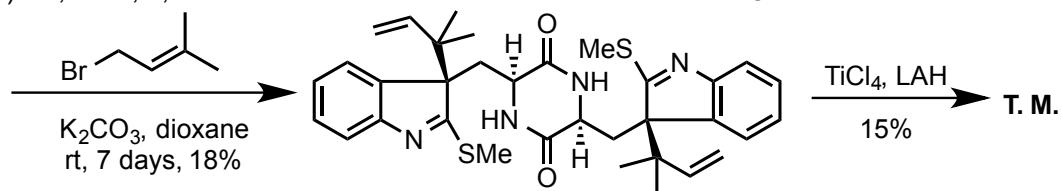
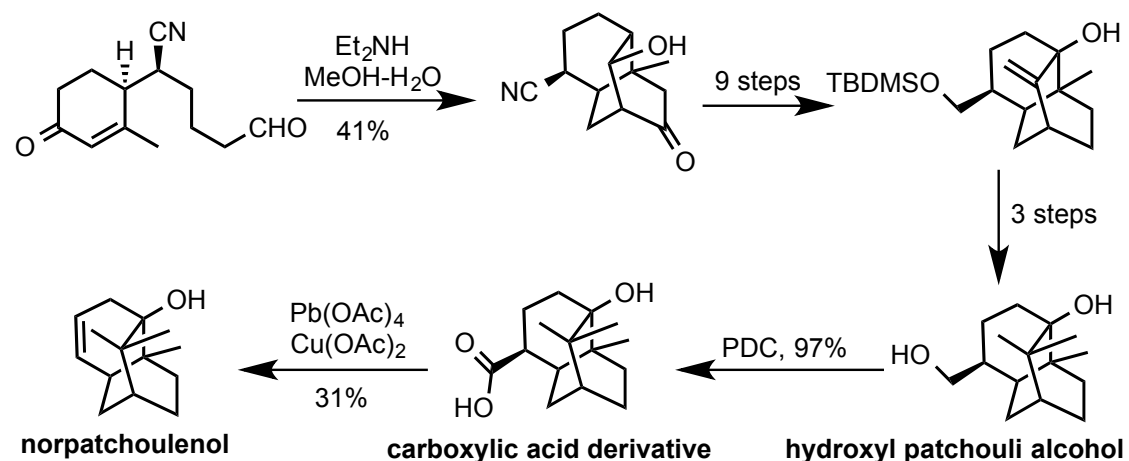
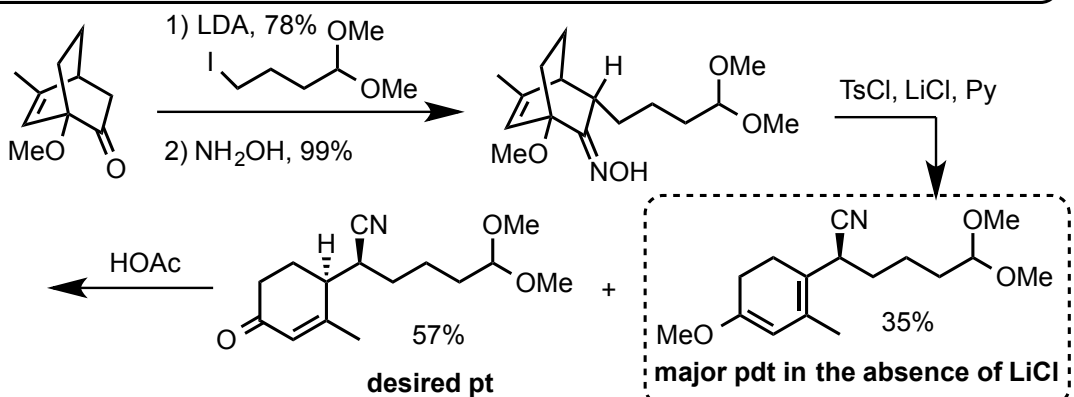
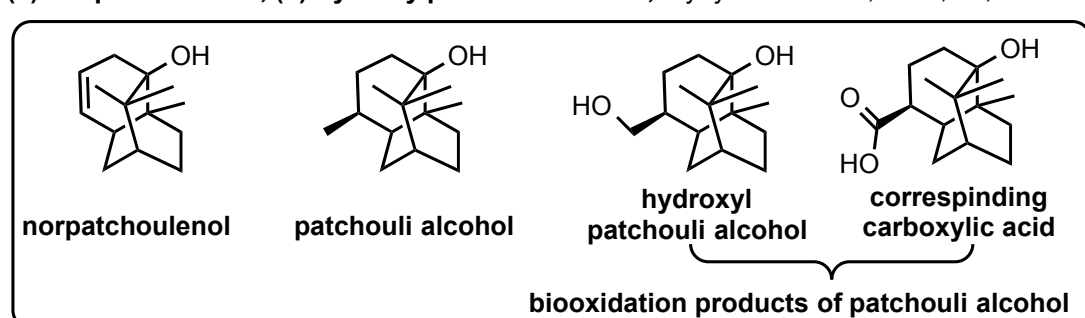
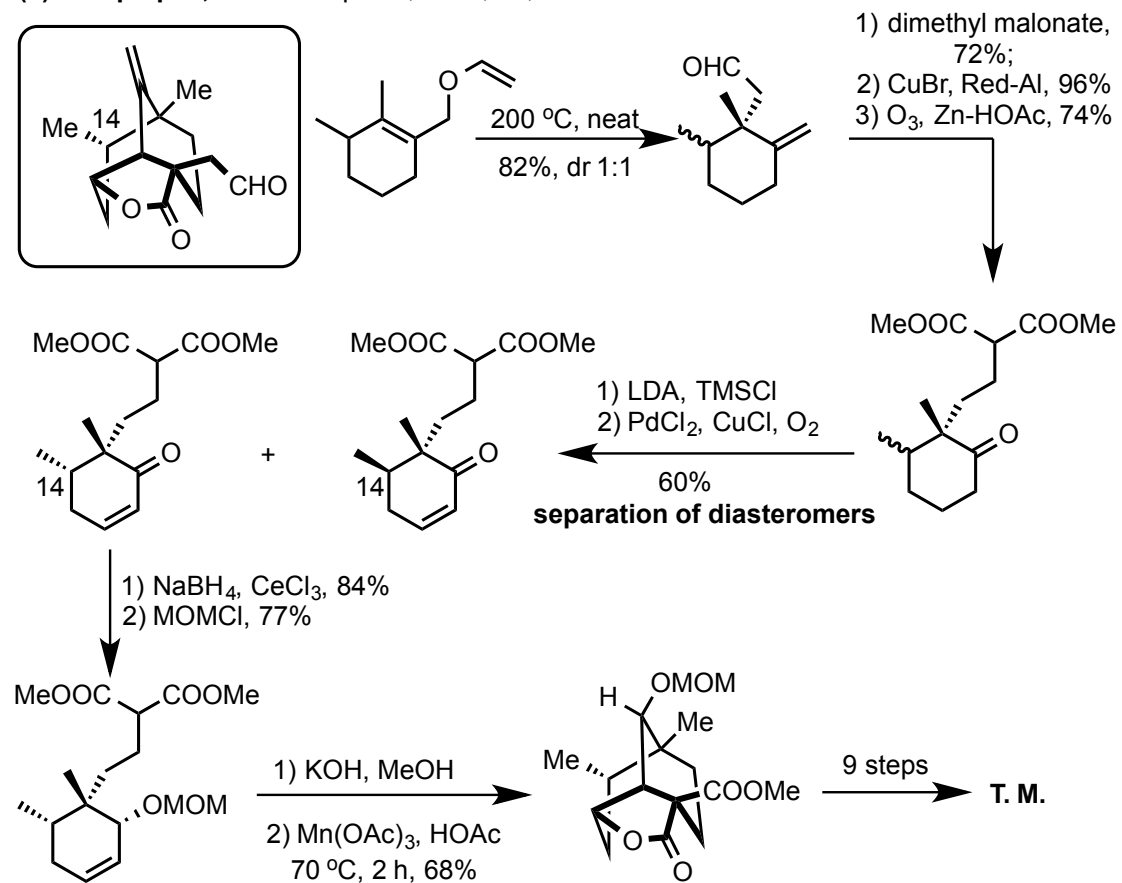


**Aspidosperma alkaloid framework**, Mitsutaka Natsume, 1985, 41, 2115-2123.**(±)-Obscurinervidine**, J. Edwin Saxton, 1987, 43, 191-205.**BCD-ring system of C19-diterpene alkaloids**, J. L. Van Der Baan, 1986, 42, 5111-5122

**Amauromine**, Hatsuo Aoki, **1986**, 42, 5887-5894.

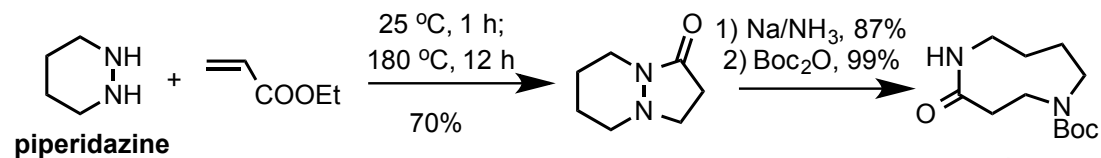
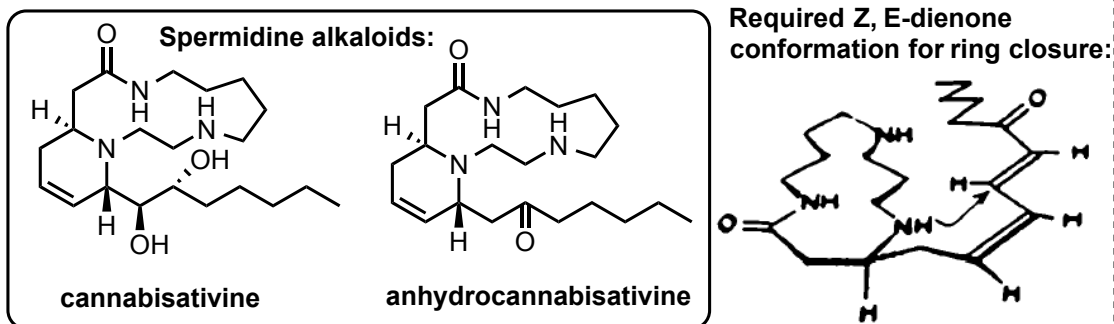
For recent reports on reverse prenylation at C3 position of indole, see:

- 1) JACS, **2014**, 136, 16756-16759;
- 2) OL, **2007**, 9, 283-286;
- 3) OL, **2005**, 7, 677-680.

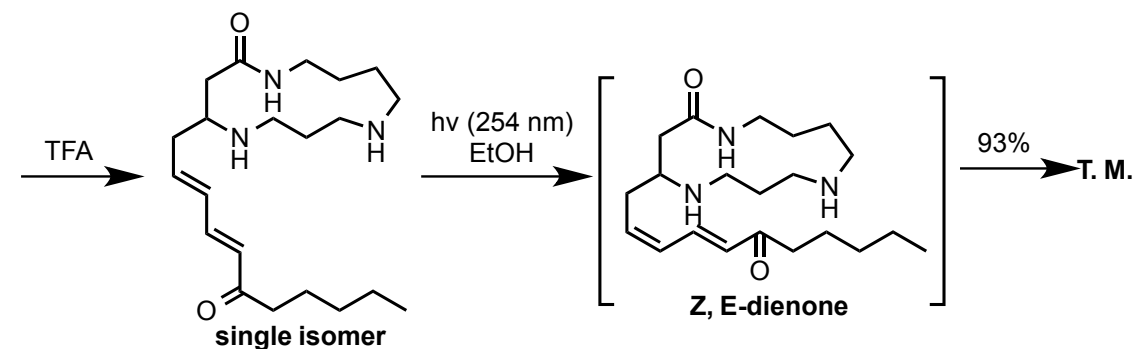
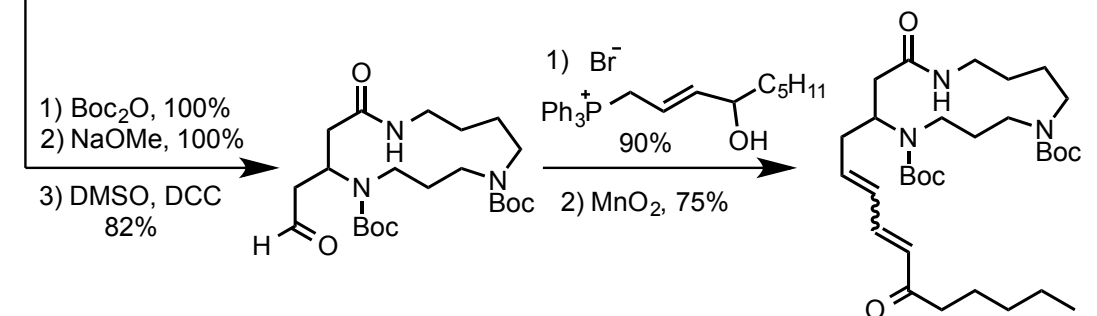
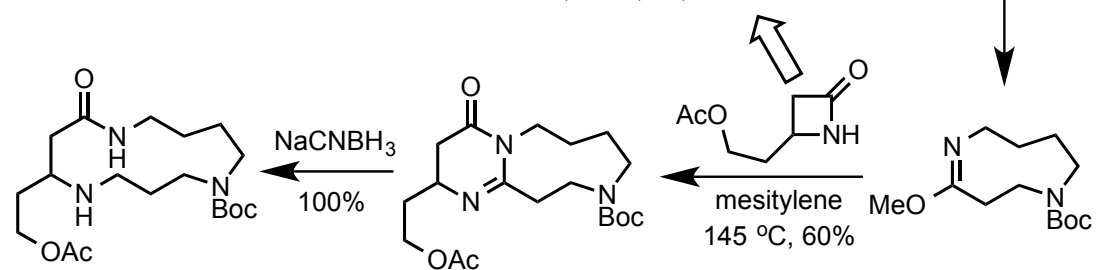
**(±)-Norpatchoulenol**, **(±)-hydroxy patchouli alcohol**, Kiyoyuki Yamada, **1987**, 43, 825-834.**(±)-14-Epiupial**, Leo A. Paquette, **1987**, 43, 5567-5582.This key step also covered in **GM** by: Voica (Applications of Mn(III) in Organic Chemistry).

(±)-Anhydrocannabisativine, Harry H. Wasserman, **1988**, *44*, 3365-3372.

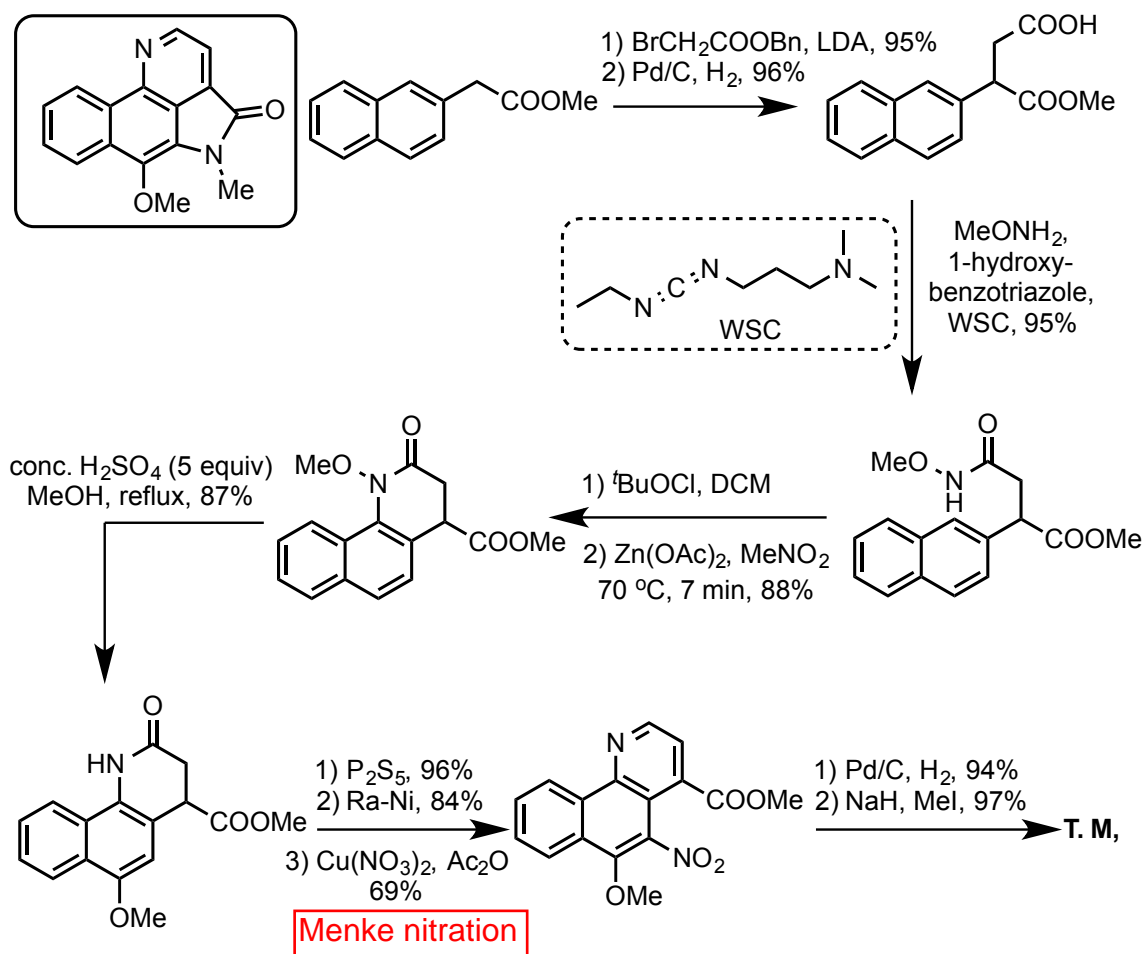
For a prior synthesis of Dihydroperiphylline by Wasserman, see: *JACS* **1981**, 103, 461;  
also covered in **GM**: Rodriguez (JACS review 1981)



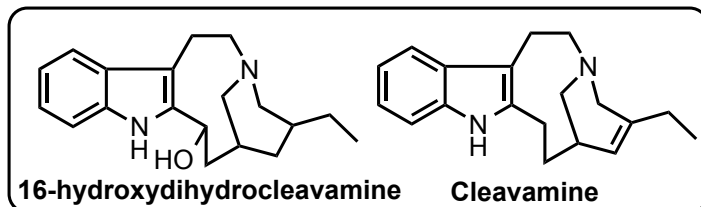
For its preparation, see  
*JOC*, **1980**, 45, 1130-1135



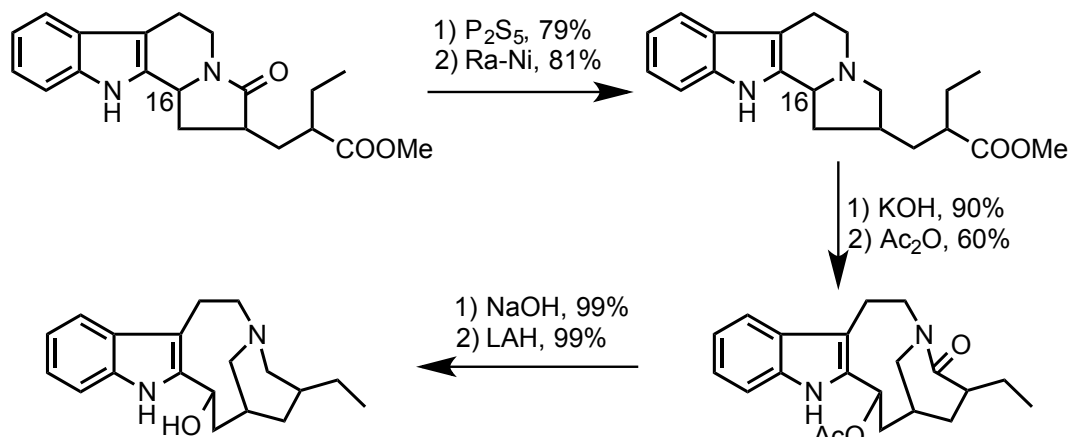
Eupolauramine, Yasuo Kikugawa, **1989**, *45*, 1653-1660.



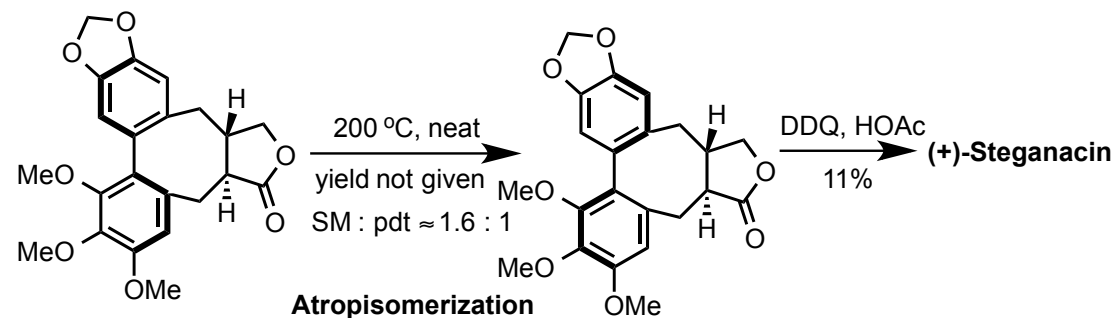
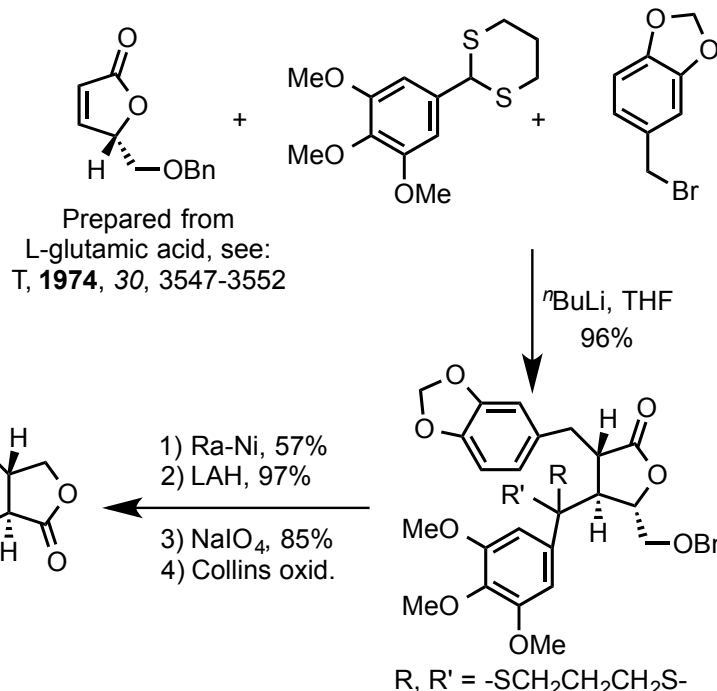
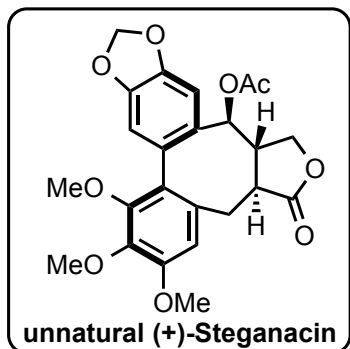
(±)-16-hydroxydihydrocleavamine, Atta-Ur-Rahman, **1980**, 36, 1057-1062.



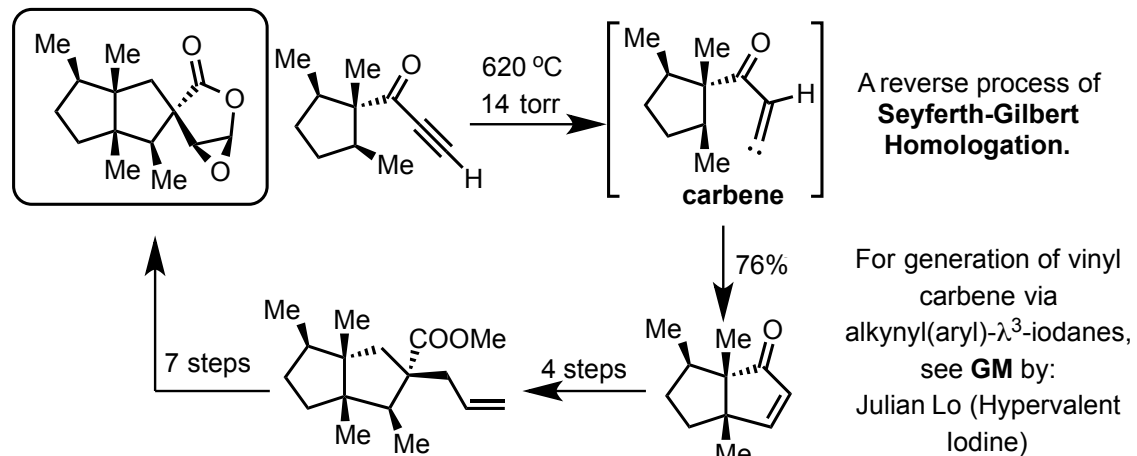
For reviews on vinblastine, see:  
1) Dale L. Boger, *Acc. Chem. Res.*, **2015**, 48, 653.  
2) Tohru Fukuyama, *Pure Appl. Chem.*, **2003**, 75, 29.



(+) and (-)-Steganacin, Kenji Koga, **1984**, 40, 1303-1312.



(±)-Isoptychanolide, Andre S. Dreiding, **1987**, 43, 4875-4886.



(±)-Paniculide A, Peter A. Jacobi, **1987**, 43, 5475-5488.

