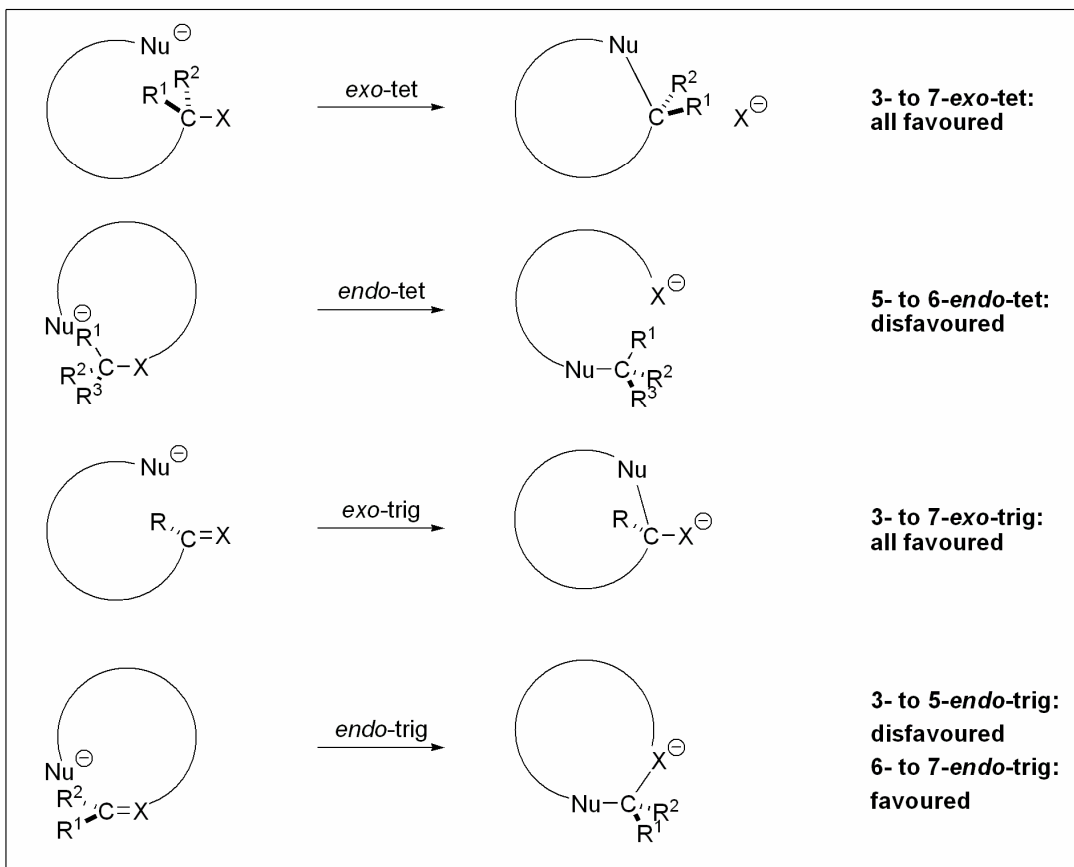
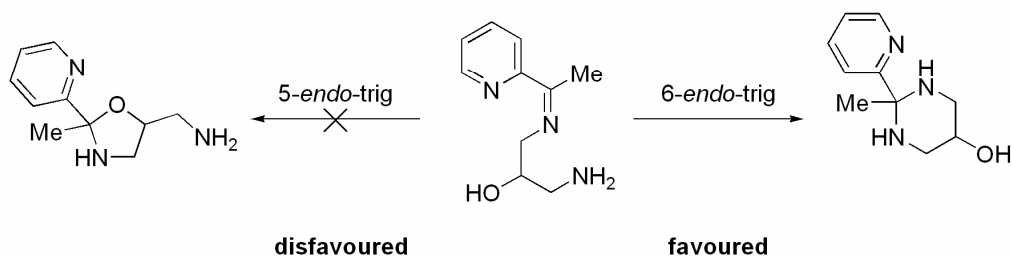


## Baldwin-Rules

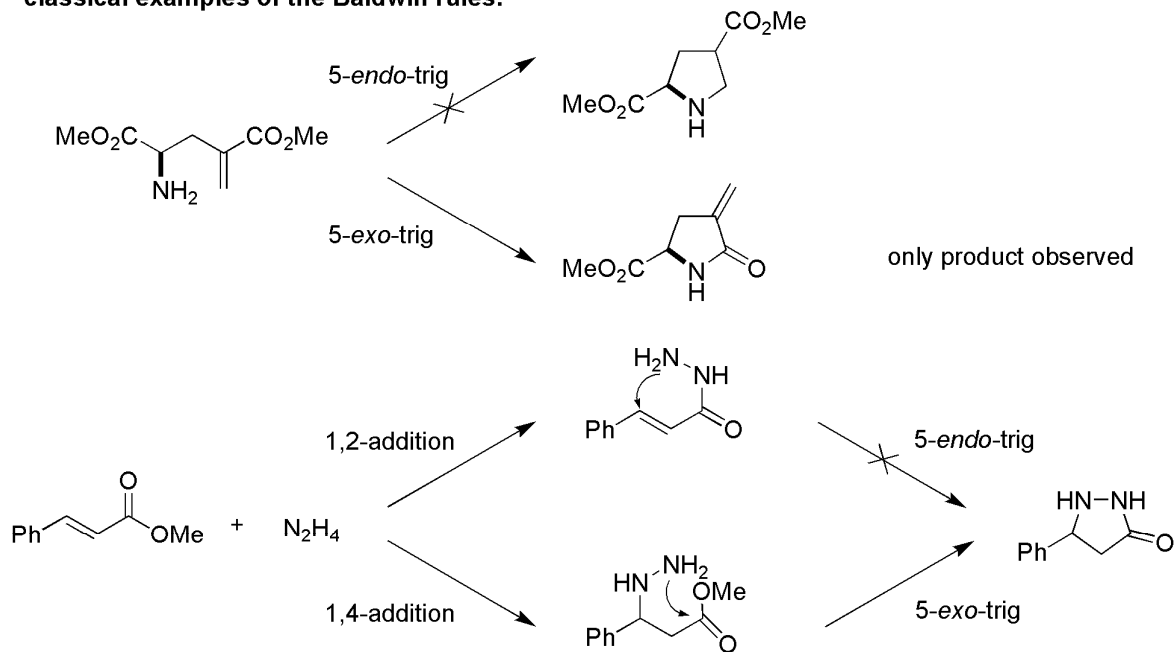
Baldwin *J. Chem. Soc., Chem. Commun.* **1976**, 734.

An example from the literature:

*Acc. Chem. Res.* **1993**, 26, 476.

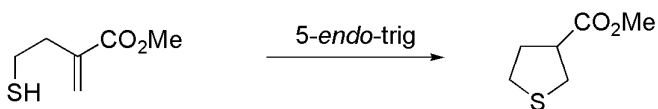
## Stereoselective Cyclization (Baldwin Rules)

classical examples of the Baldwin rules:

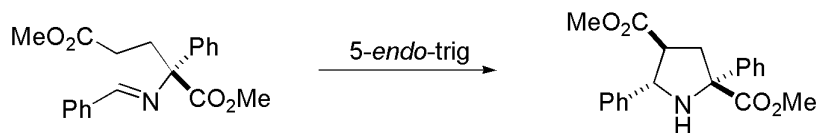
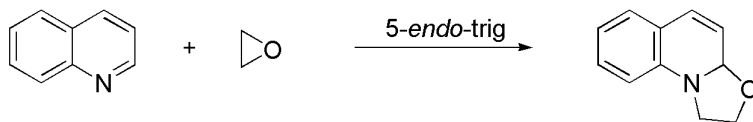
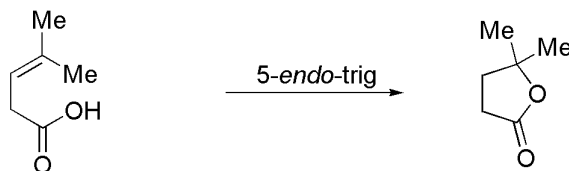


exceptions to the Baldwin rules:

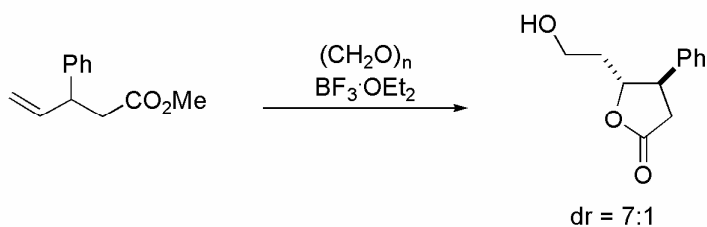
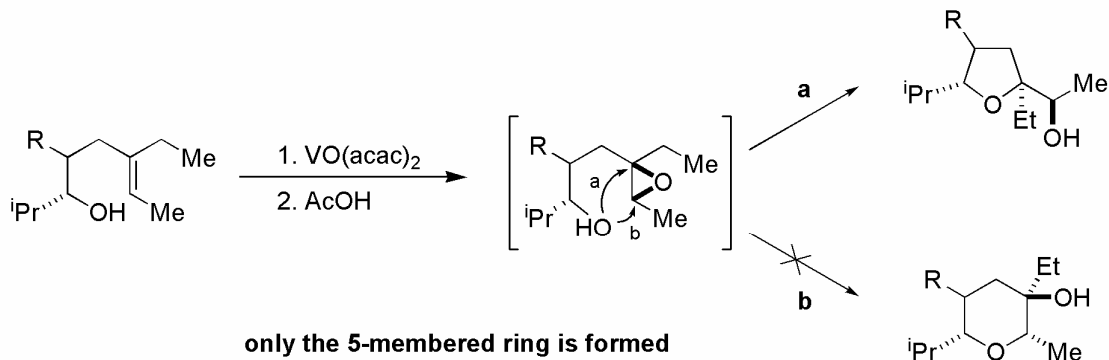
3<sup>rd</sup> row elements:



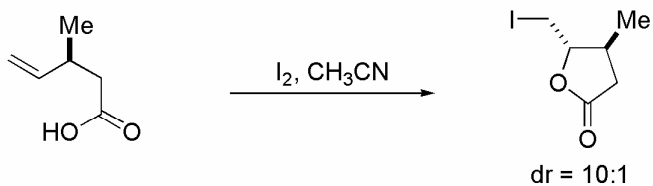
charged intermediates:



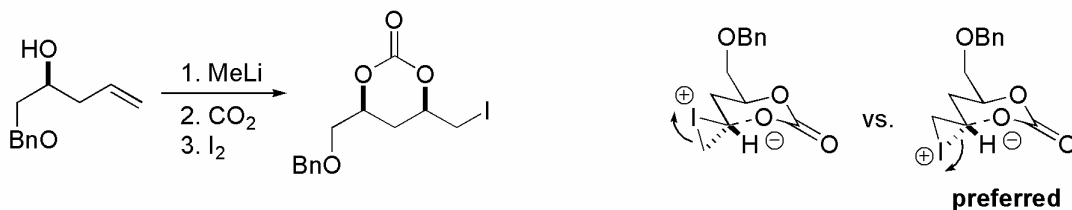
## stereoselective cyclisation reactions following the Baldwin rules: some applications



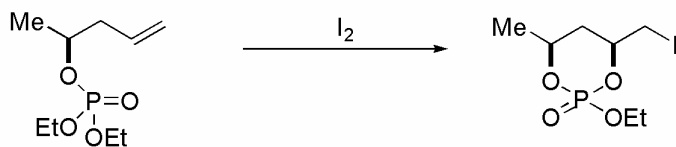
Bartlett *J. Am. Chem. Soc.* **1978**, *100*, 3950.  
Still *J. Am. Chem. Soc.* **1980**, *102*, 2118.



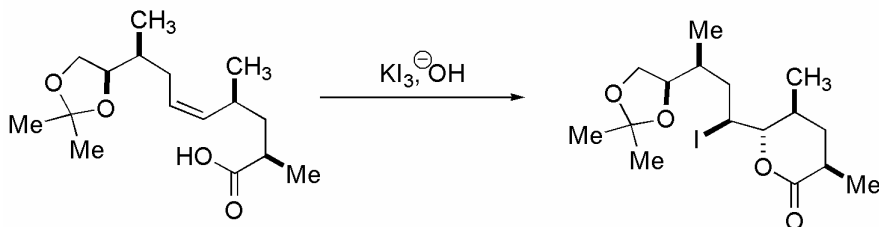
*Tetrahedron Lett.* **1982**, *23*, 3391.



Lipshutz *J. Org. Chem.* **1984**, *49*, 1147.

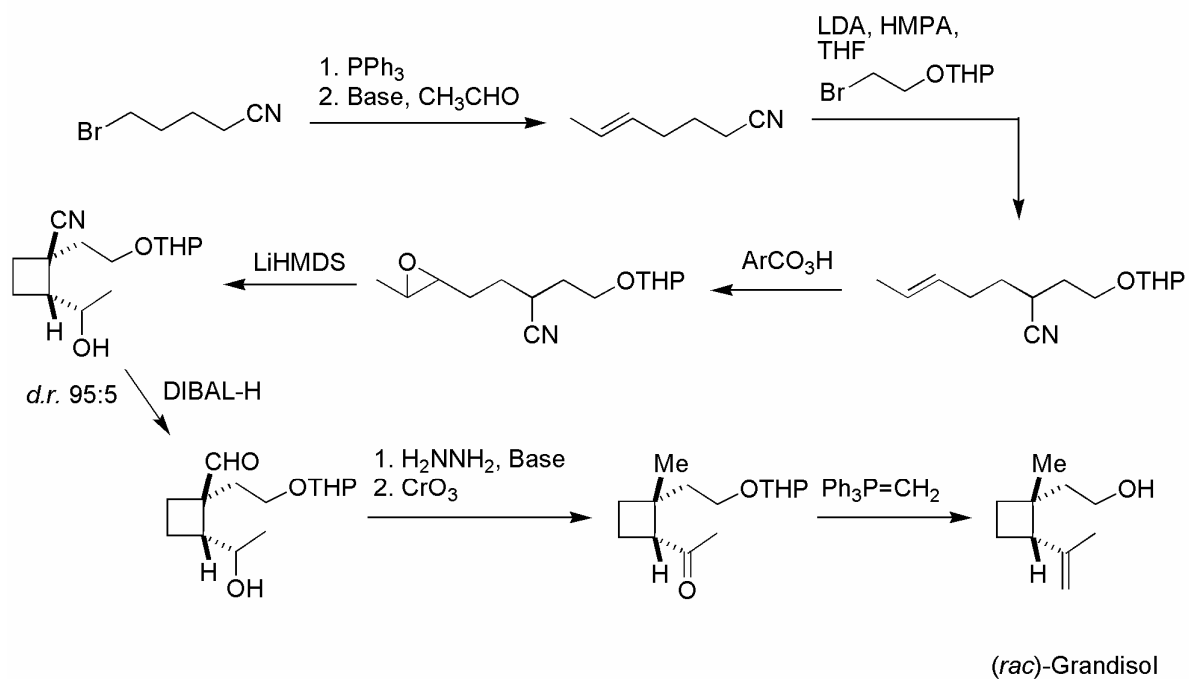


Bartlett *J. Am. Chem. Soc.* **1977**, *99*, 4829.



Still *J. Am. Chem. Soc.* **1980**, *102*, 2118.

### Synthesis of Grandisol by Epoxy Nitrile Cyclisation



Stork, Cohen, *J. Am. Chem. Soc.* **1974**, *23*, 5279.