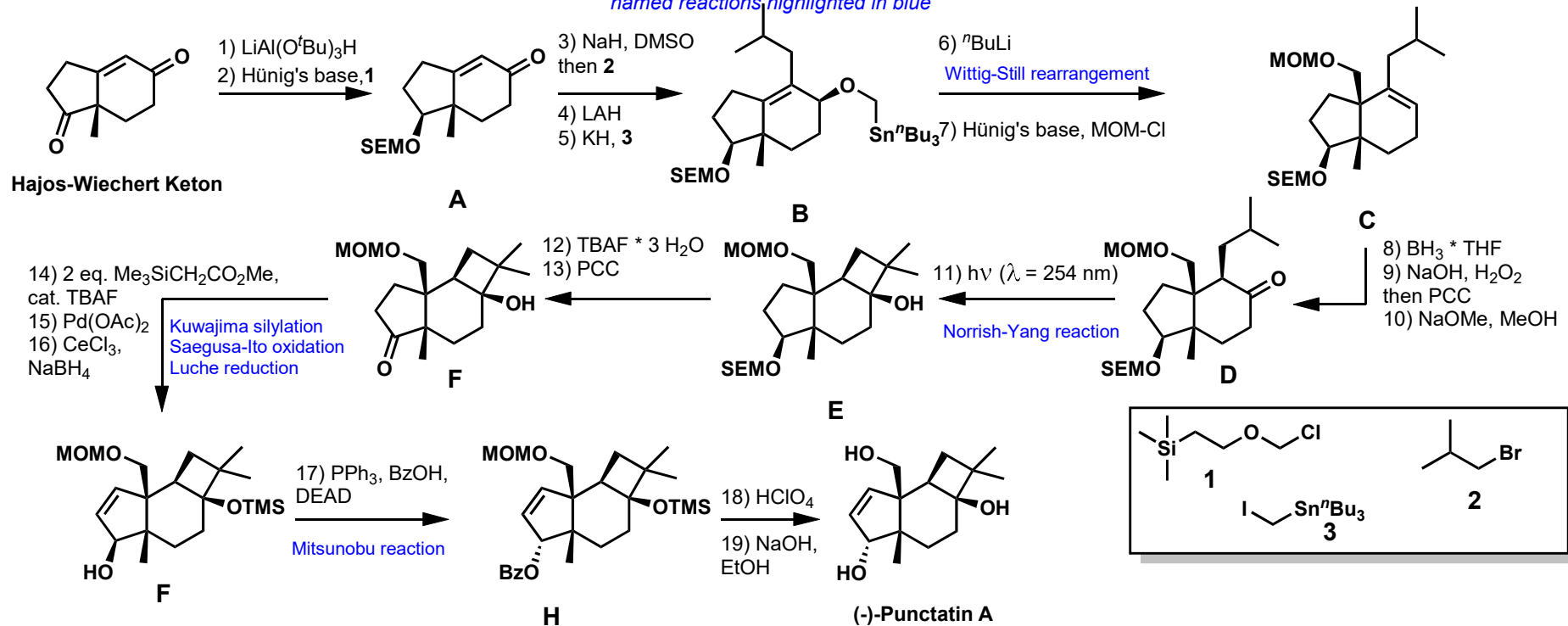


**"Enantiospecific Total Synthesis of the Sesquiterpene Antibiotics (-)-Punctatin A and (+)-Punctatin D"**

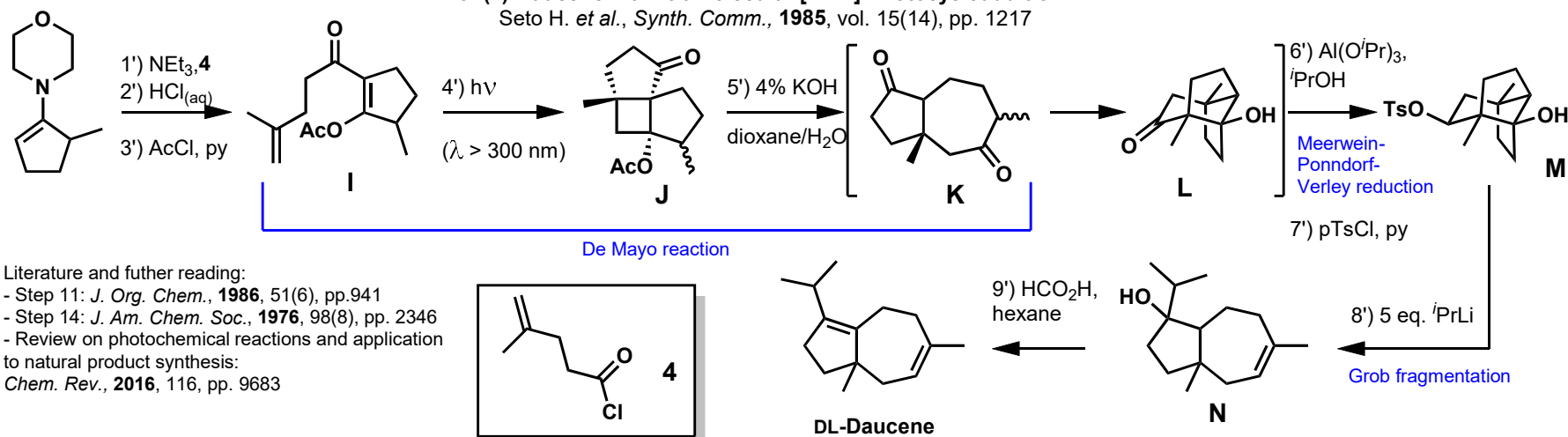
Takashi Sugimura and Leo A. Paquette, *J. Am. Chem. Soc.*, **1987**, vol. 109(10), pp. 3017  
*named reactions highlighted in blue*

Denksport Lukas Holz 10.05.2023



**"Synthetic Studies on Carotane and Dolastane Type Terpenes: A New Entry to the Total Synthesis of ( $\pm$ )-Daucene Via Intramolecular [2 + 2] Photocycloaddition"**

Seto H. et al., *Synth. Comm.*, **1985**, vol. 15(14), pp. 1217



Literature and further reading:

- Step 11: *J. Org. Chem.*, **1986**, 51(6), pp.941

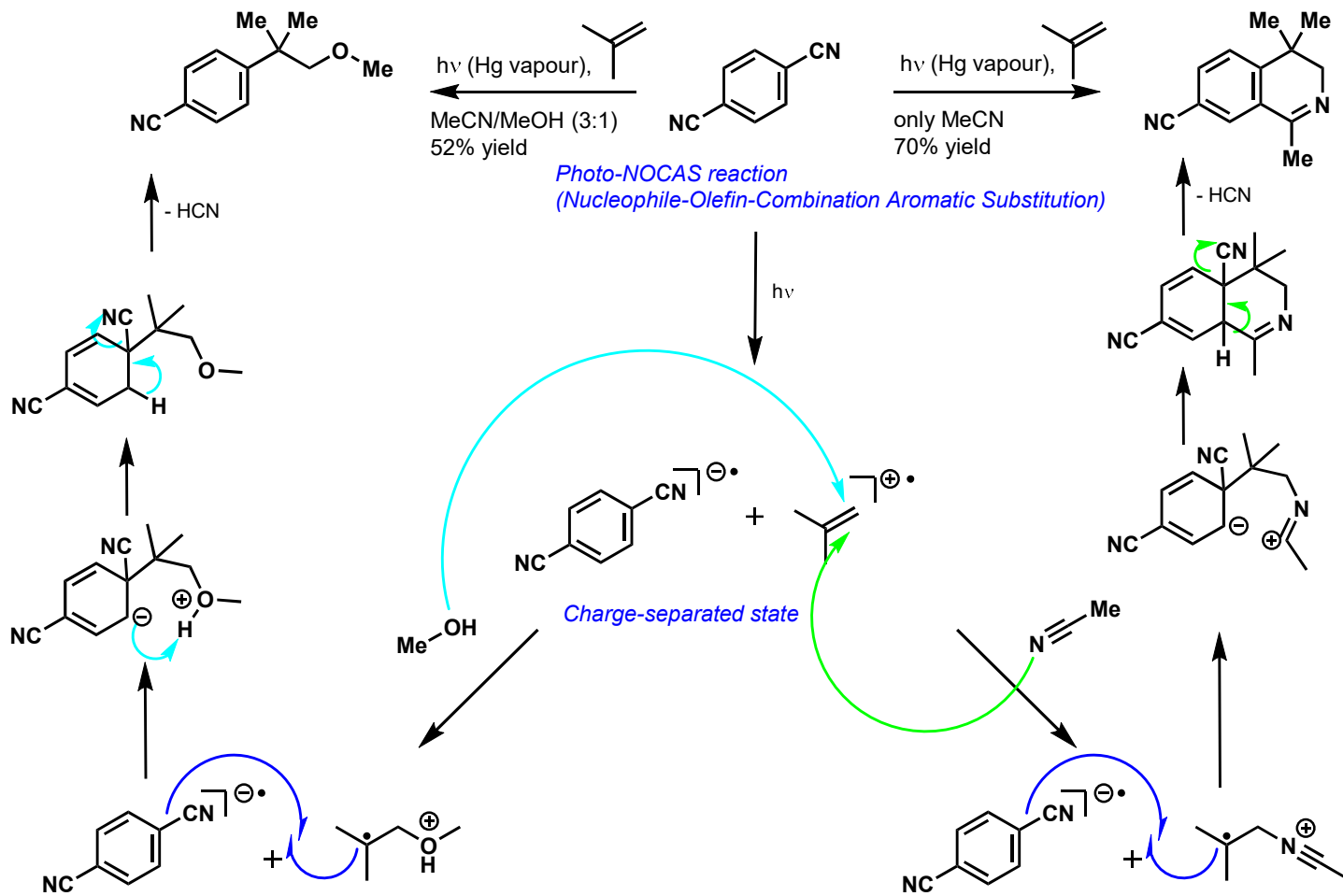
- Step 14: *J. Am. Chem. Soc.*, **1976**, 98(8), pp. 2346

- Review on photochemical reactions and application to natural product synthesis:

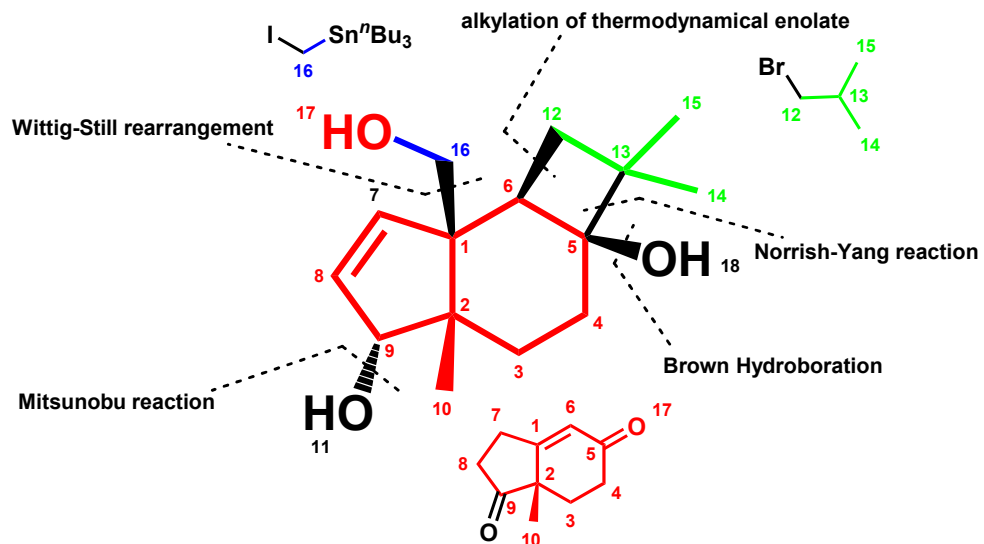
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### Strategy (-)-Punctatin



### Strategy DL-Daucene

