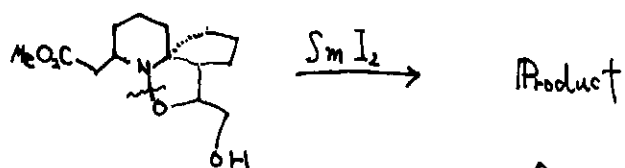
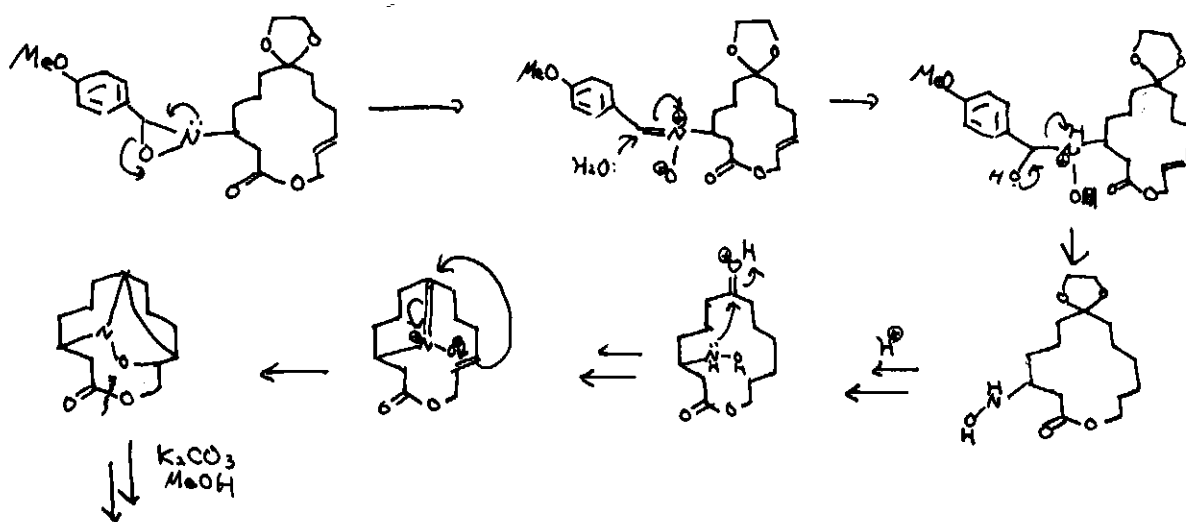
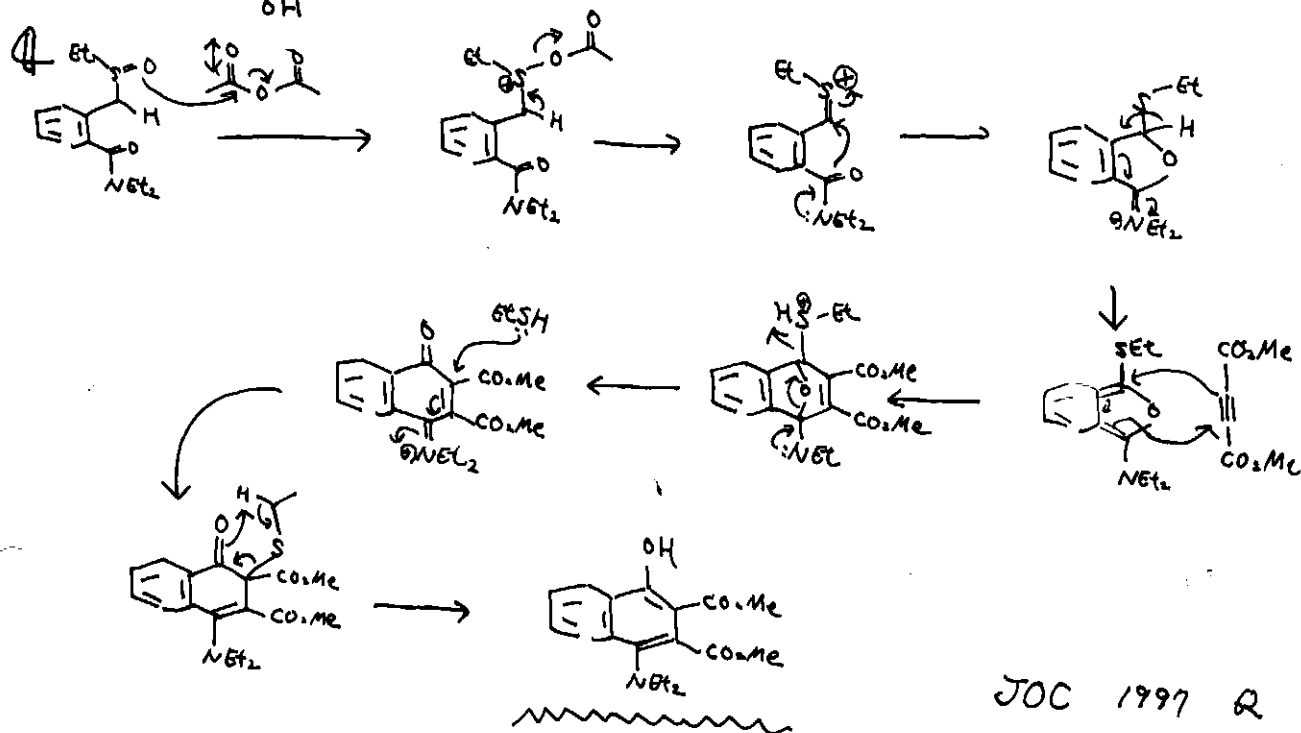


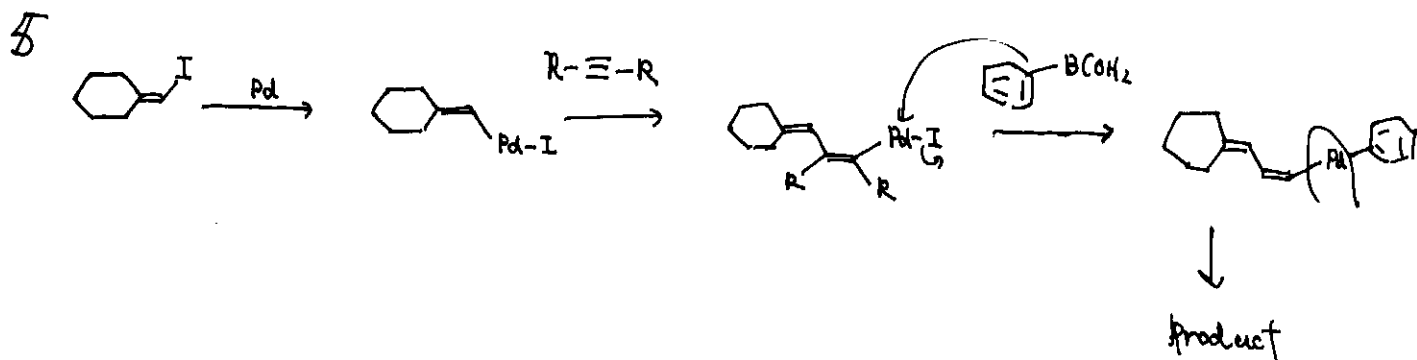
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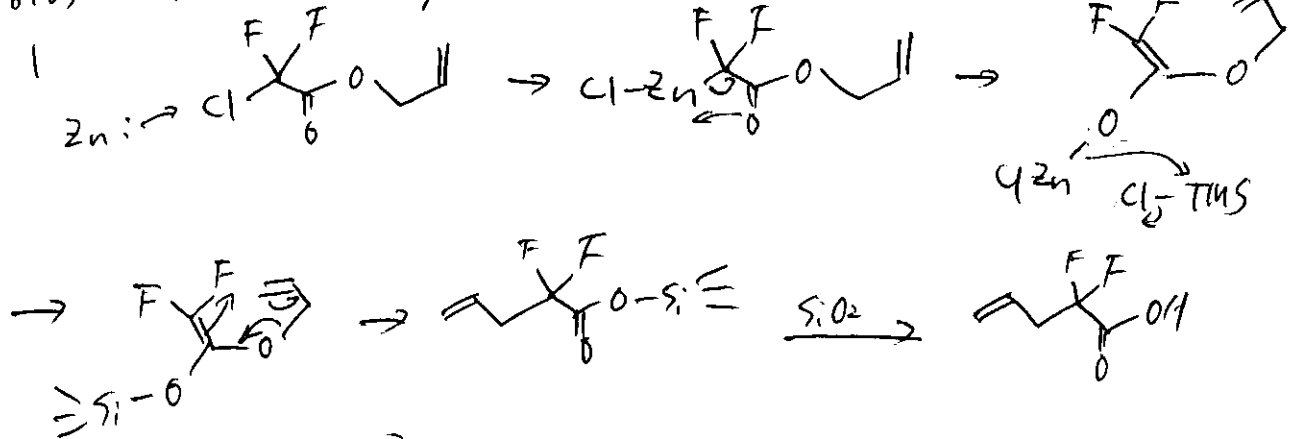
OL 2001. 3413



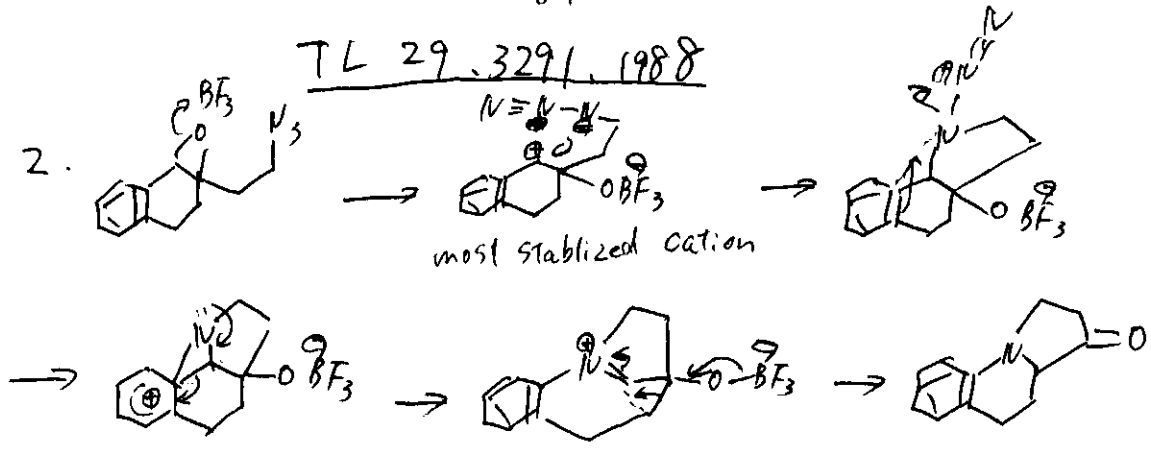
JOC 1999 R 2186



OL 2003 5071 2993



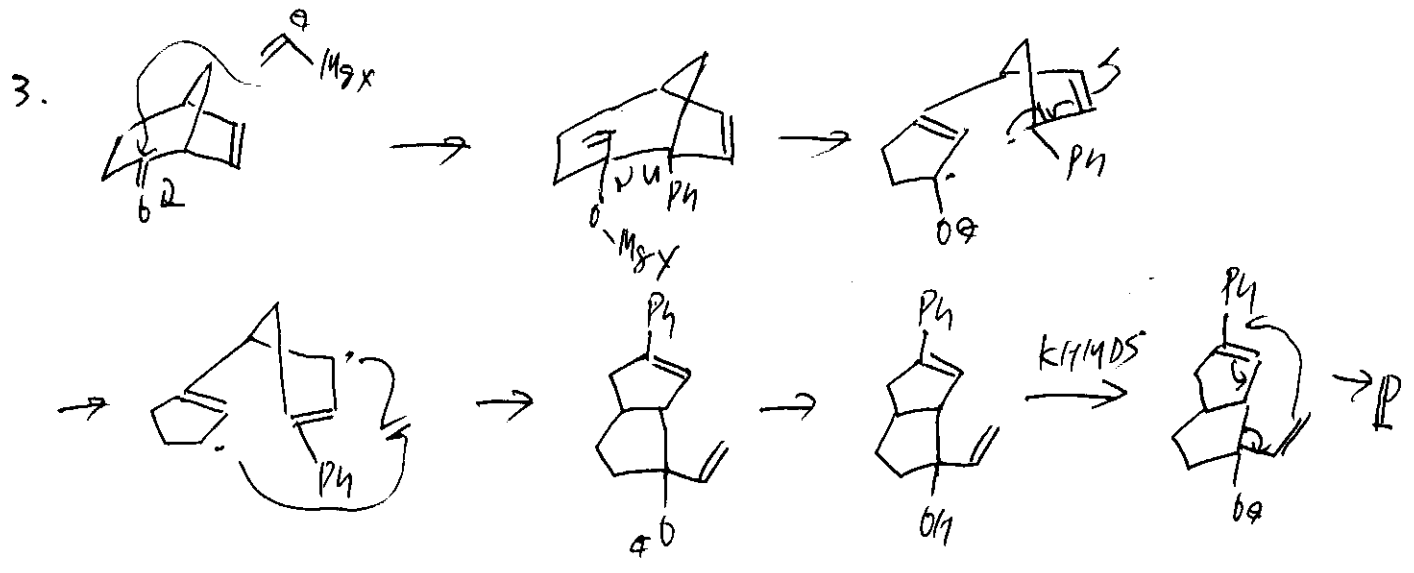
cf. $R-X \xrightarrow{Zn} RZnX$
 $R-Y \xrightarrow{Mg} RMgY$ Reformatsky Claisen rearr.



TL 29, 3291, 1988

most stabilized cation

Org Lett 2003, 5, 3655

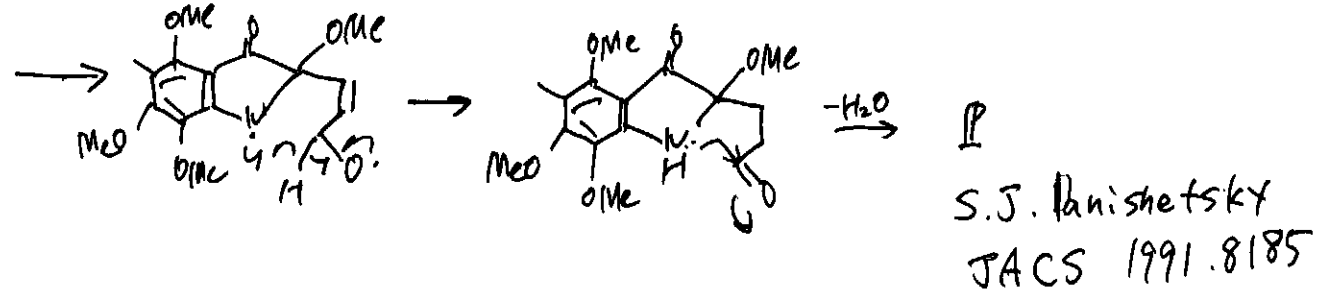
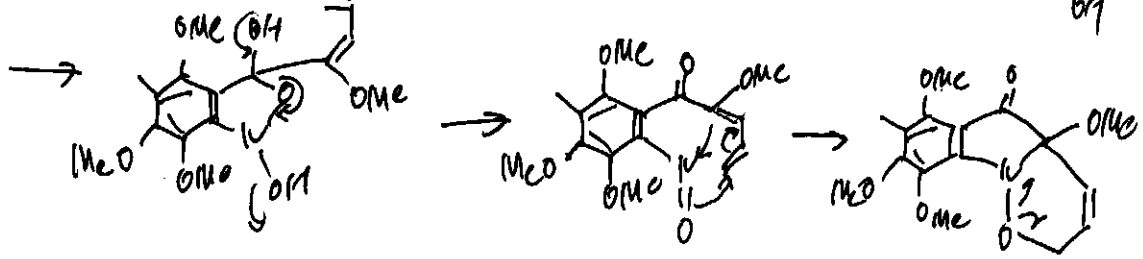
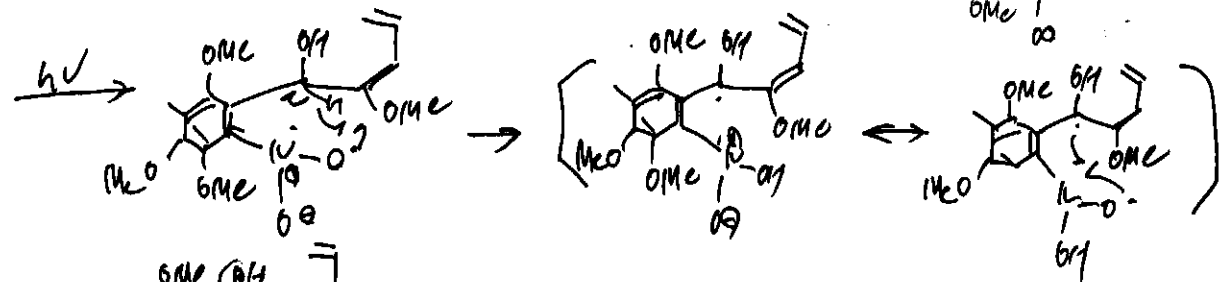
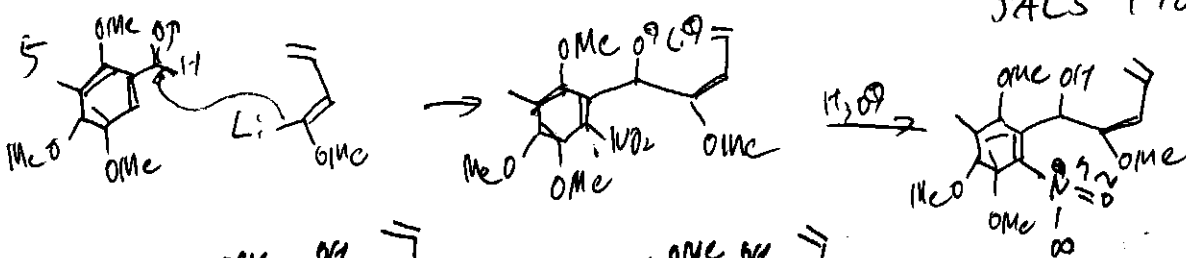
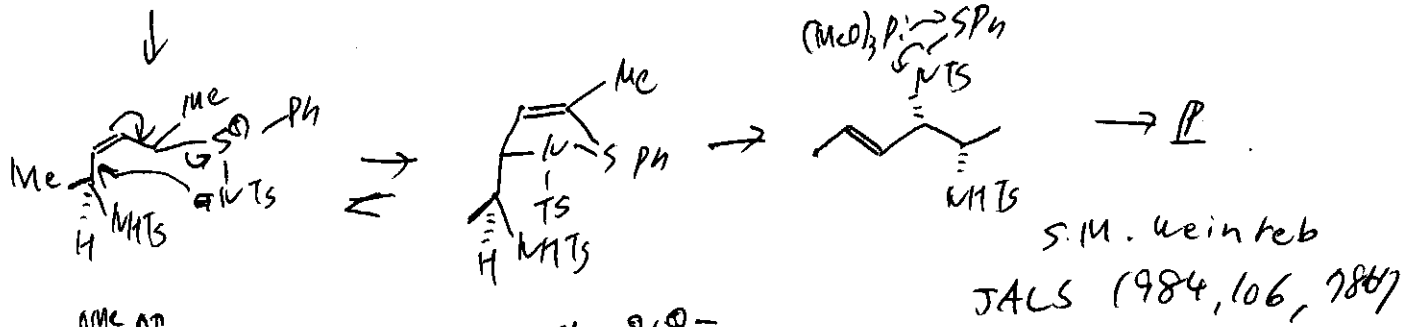
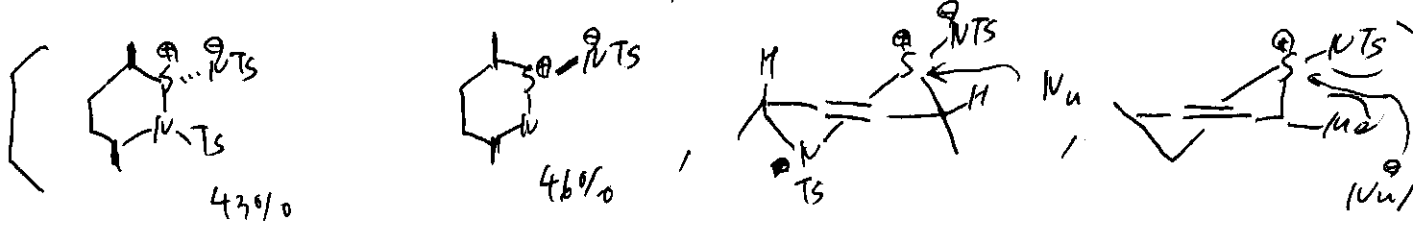
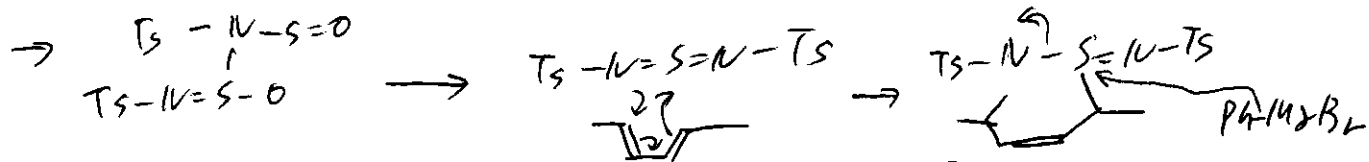
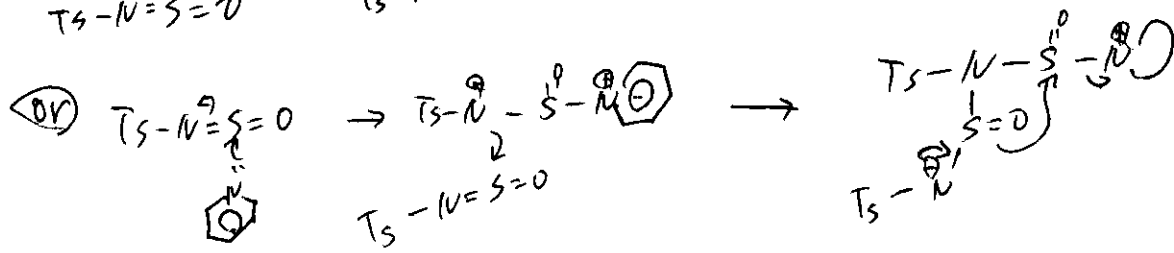
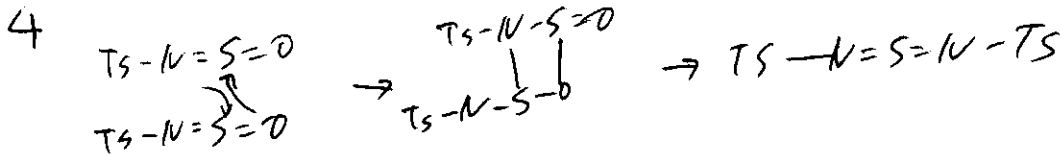


TL 40 (1999) 511-14

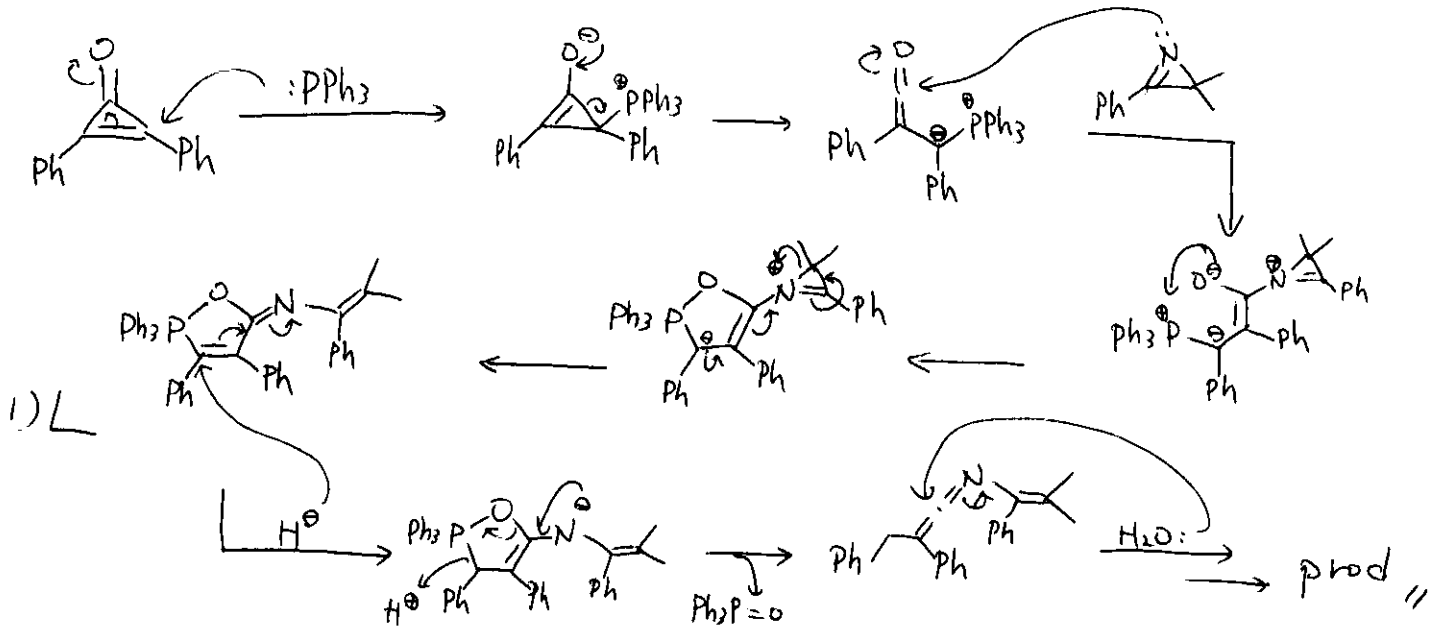
10/18/03'

Solution 2/2

A. Satoh



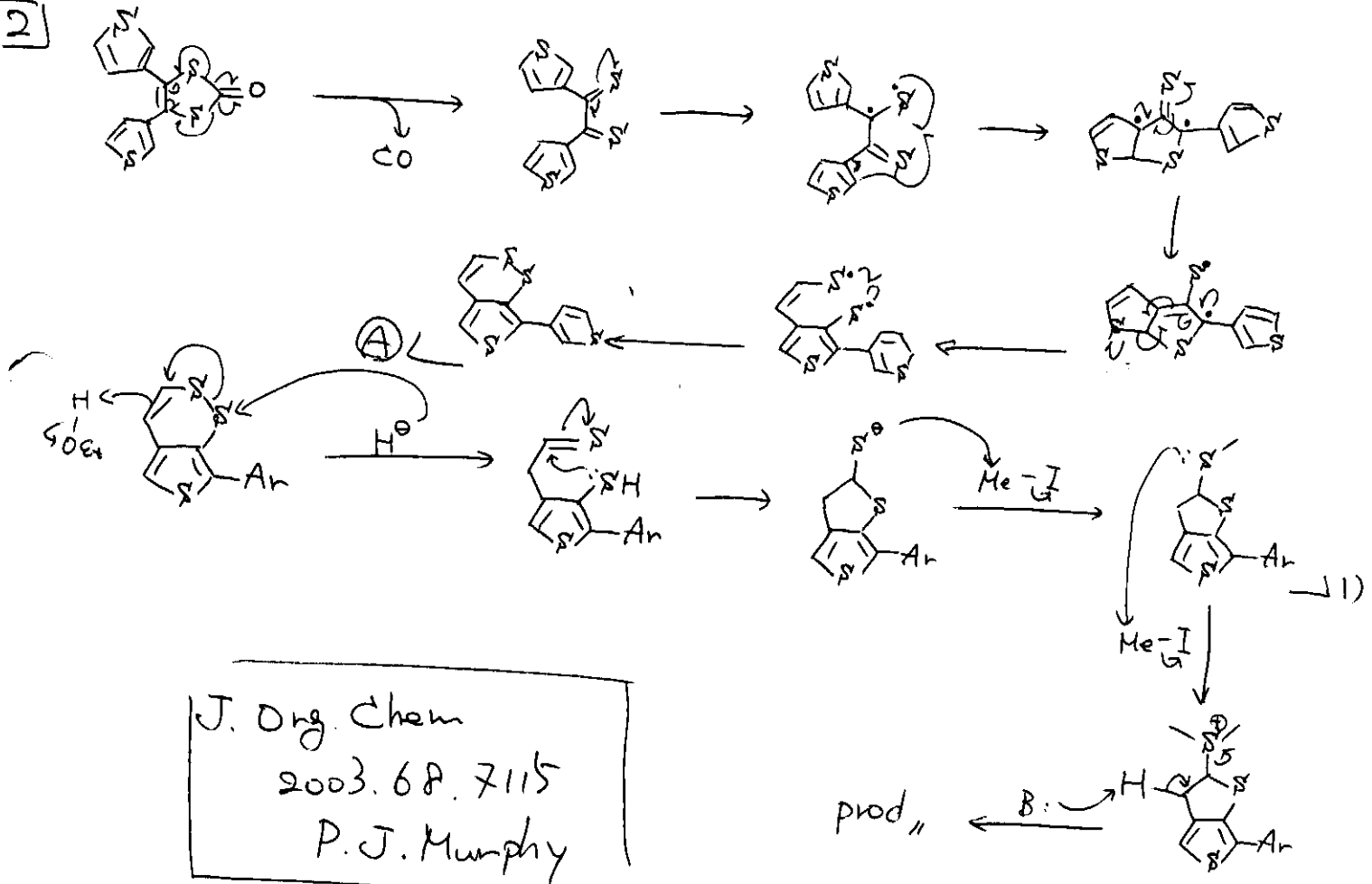
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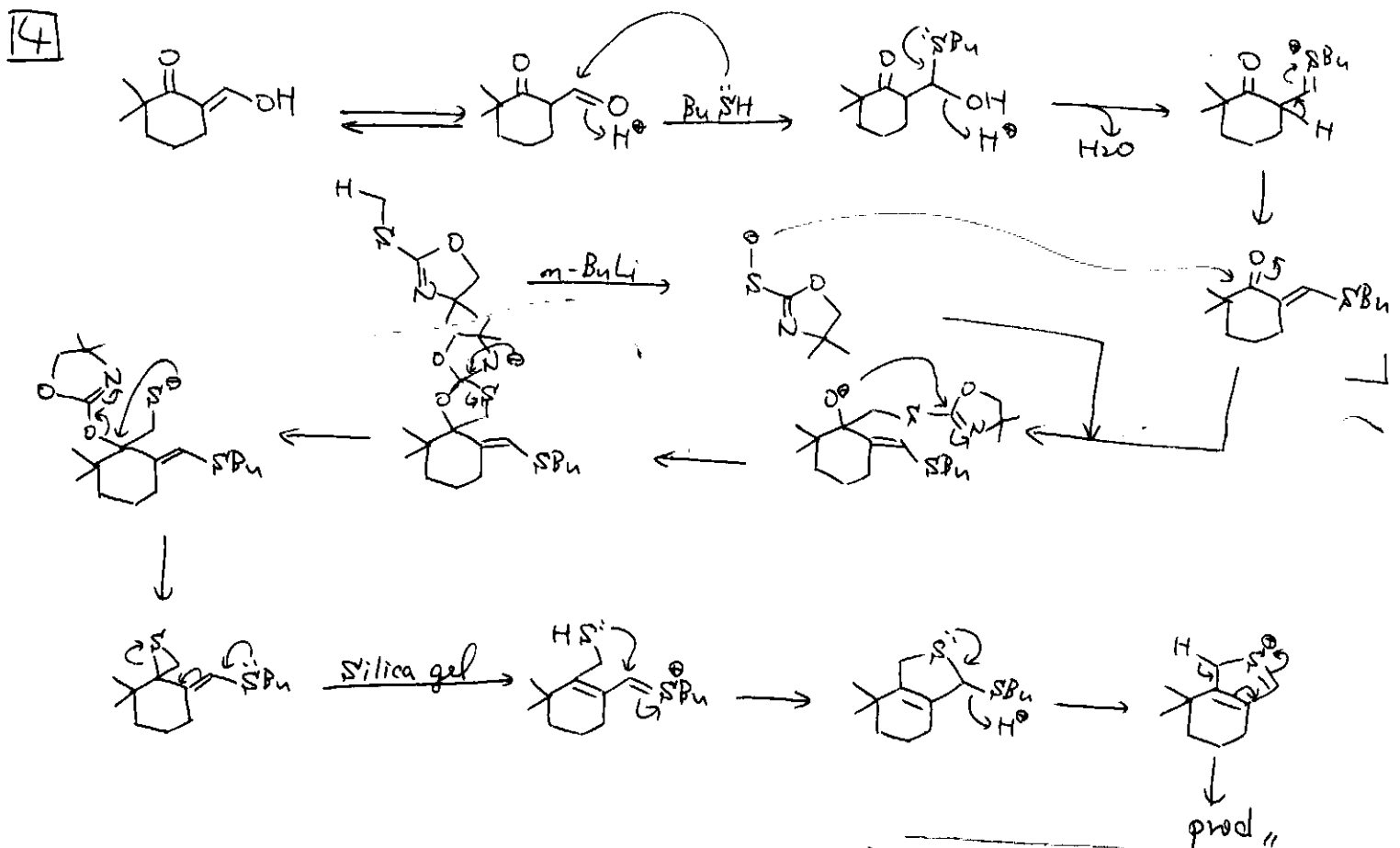
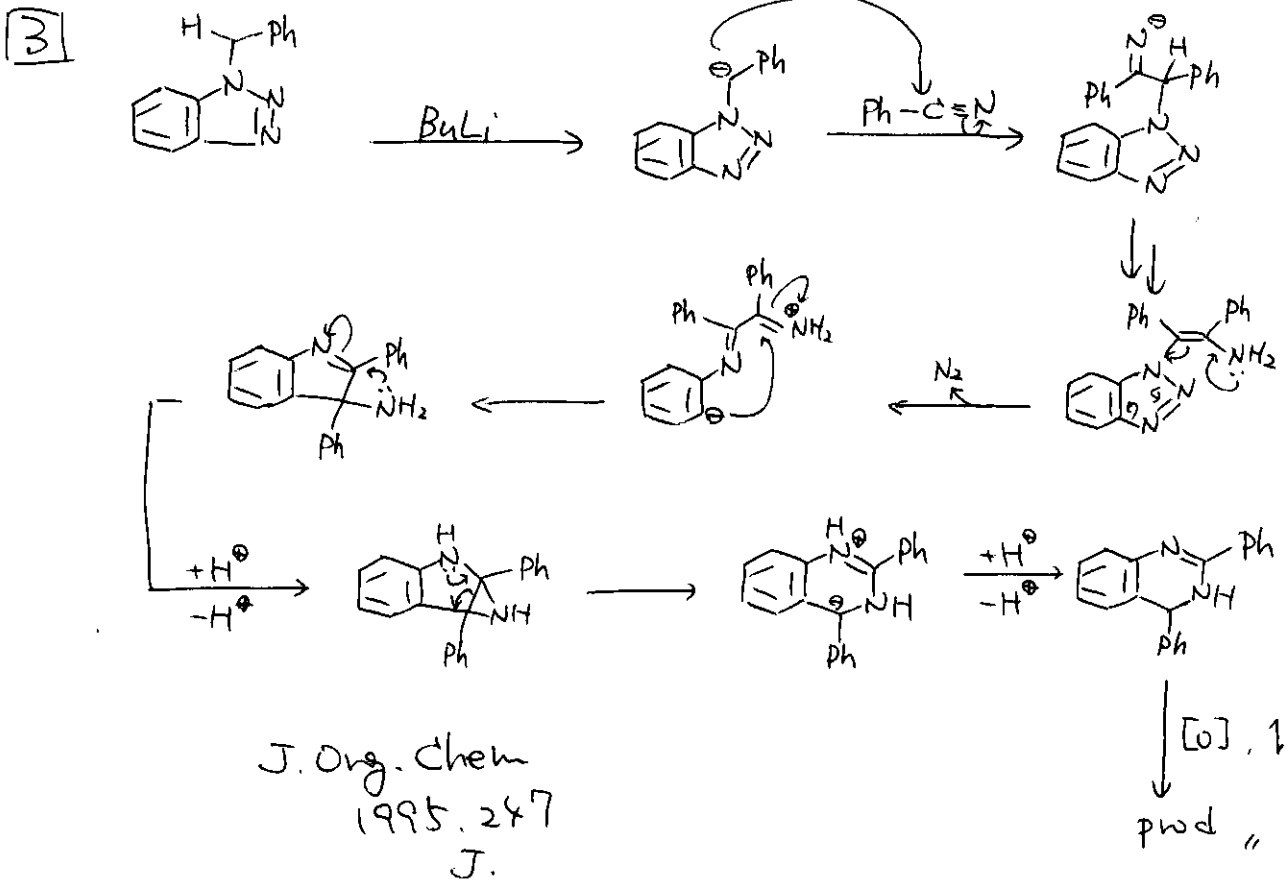
1) L

Tetrahedron Lett.
Vol 24, No 17 1837
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2

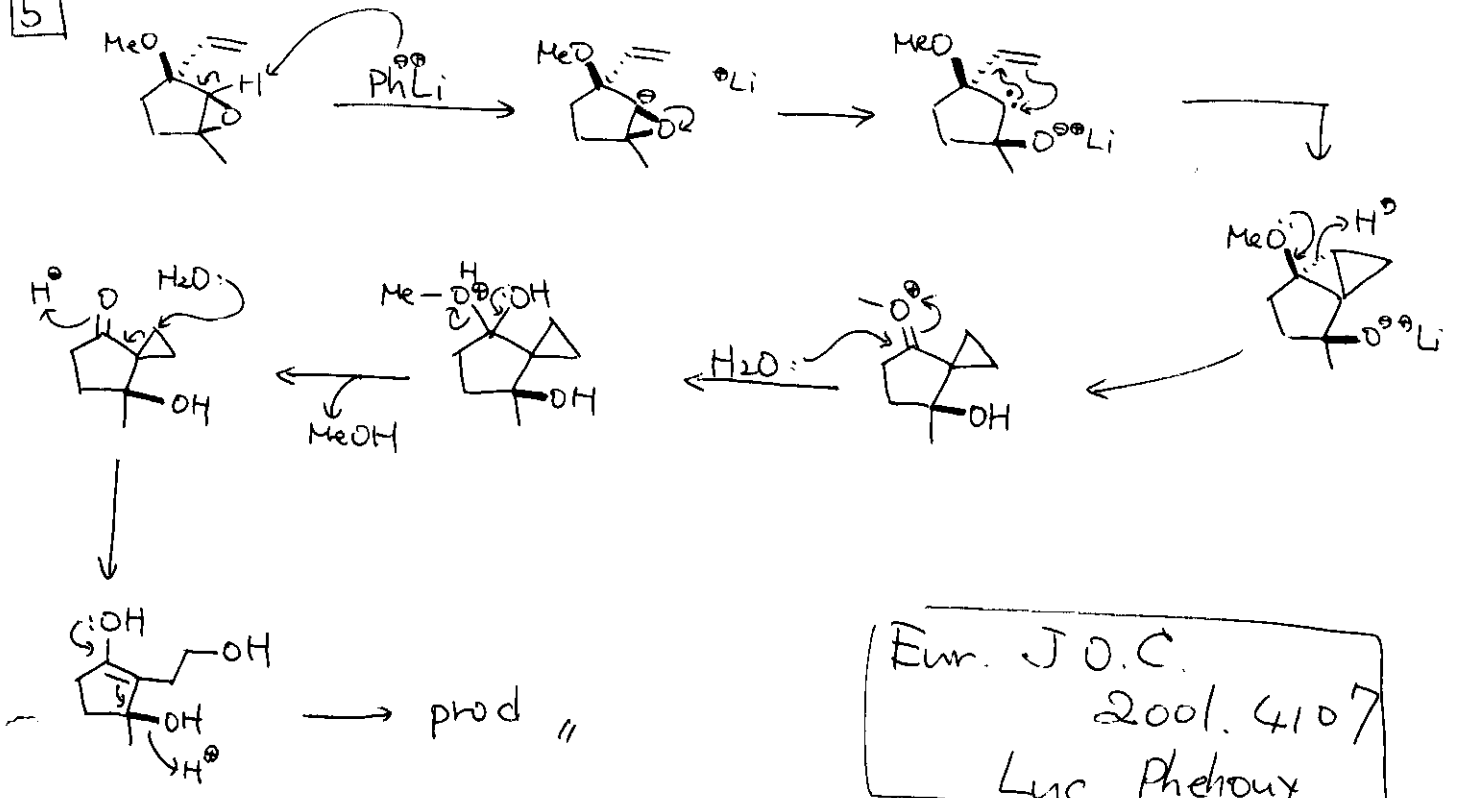


J. Org. Chem
2003, 68, 7115
P. J. Murphy

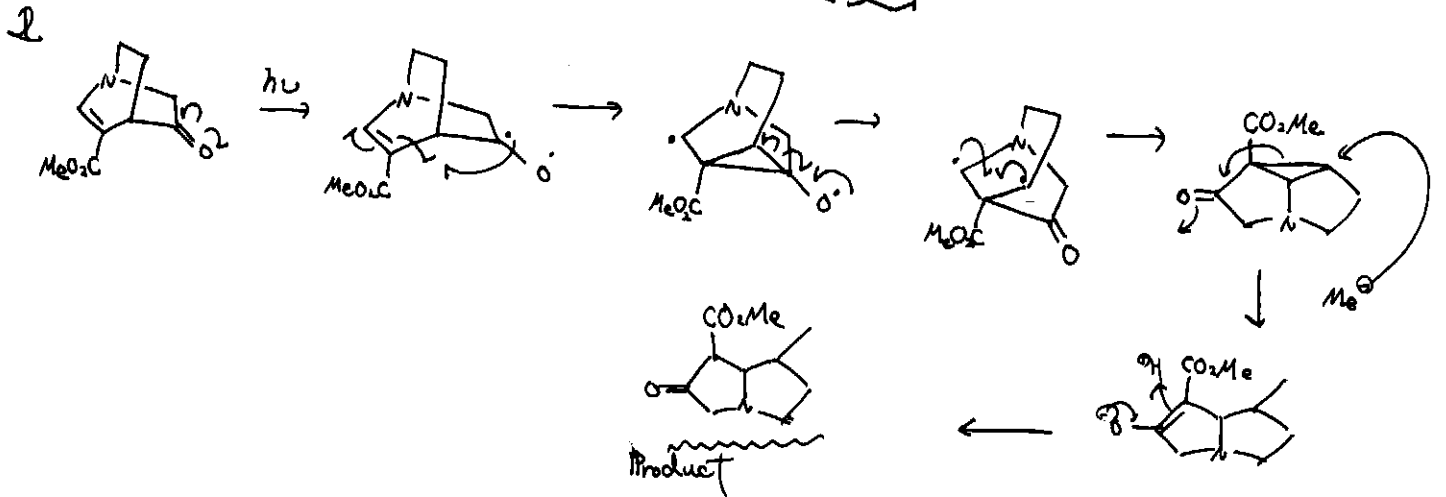
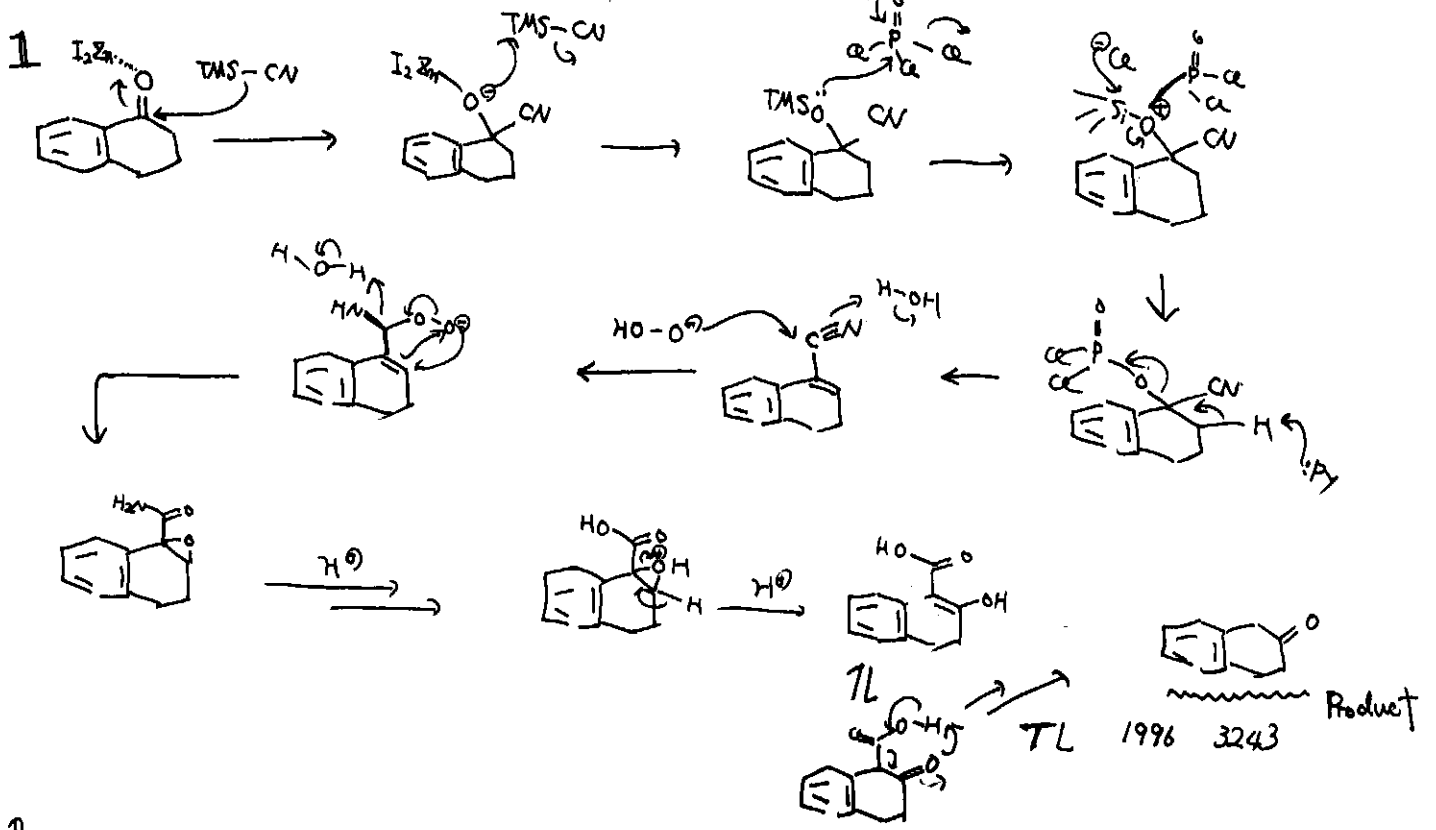


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1983, 575
Ae. de Groot

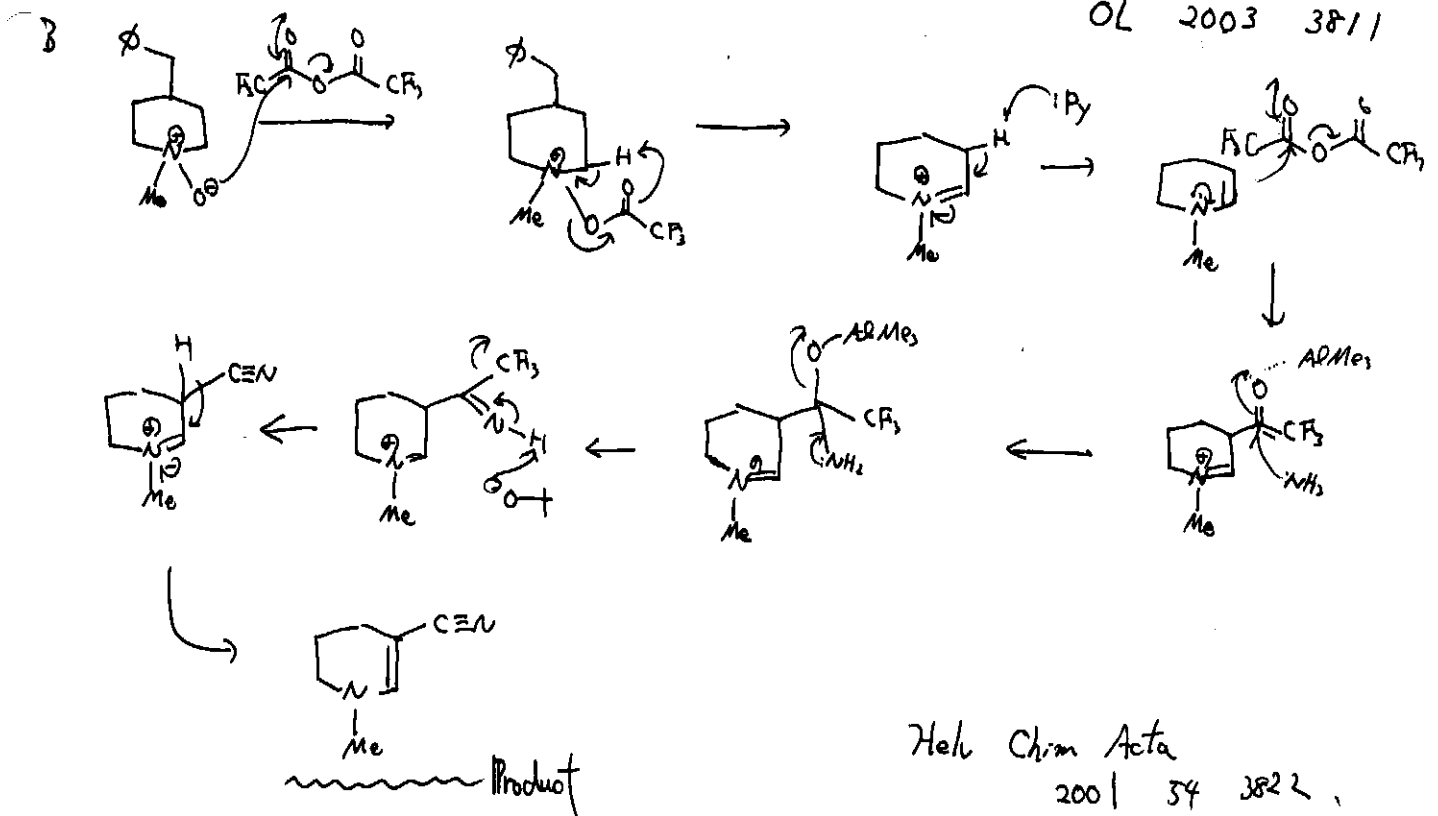
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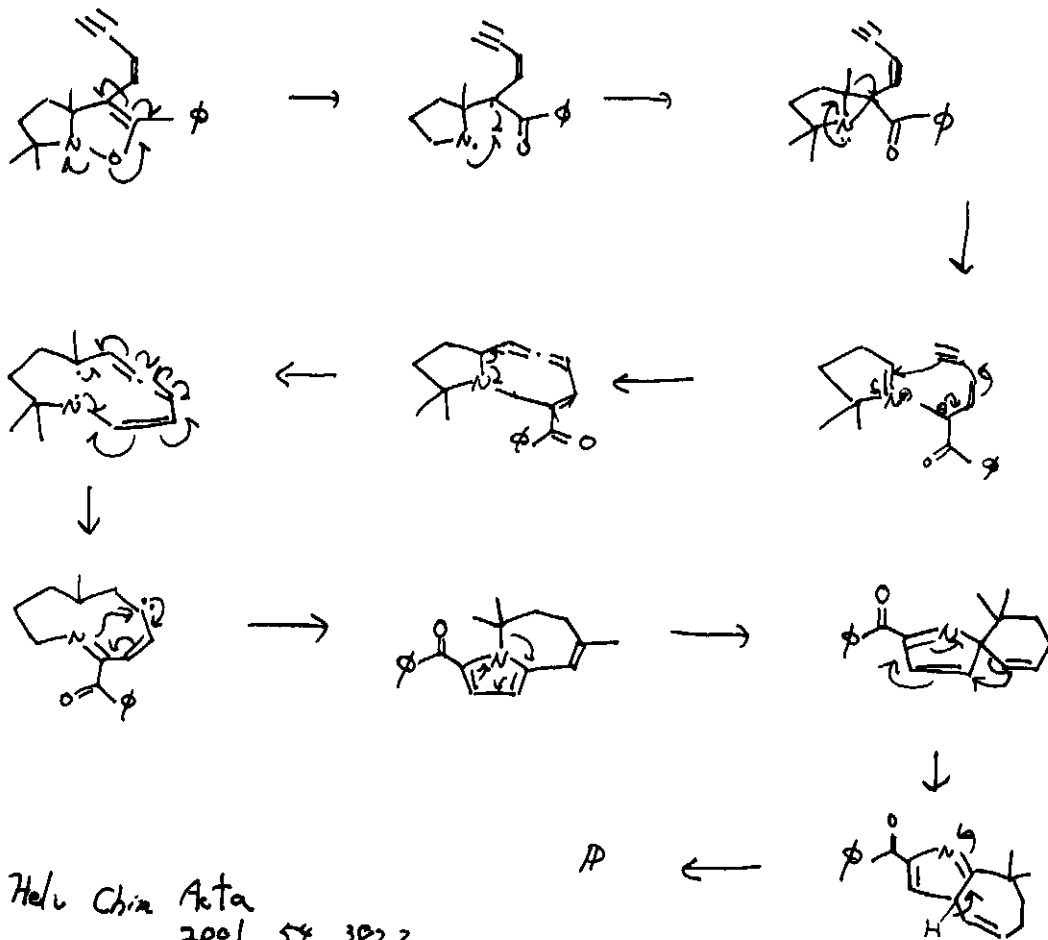
Eur. J. O. C.
 2001. 4107
 Luc Phehoux



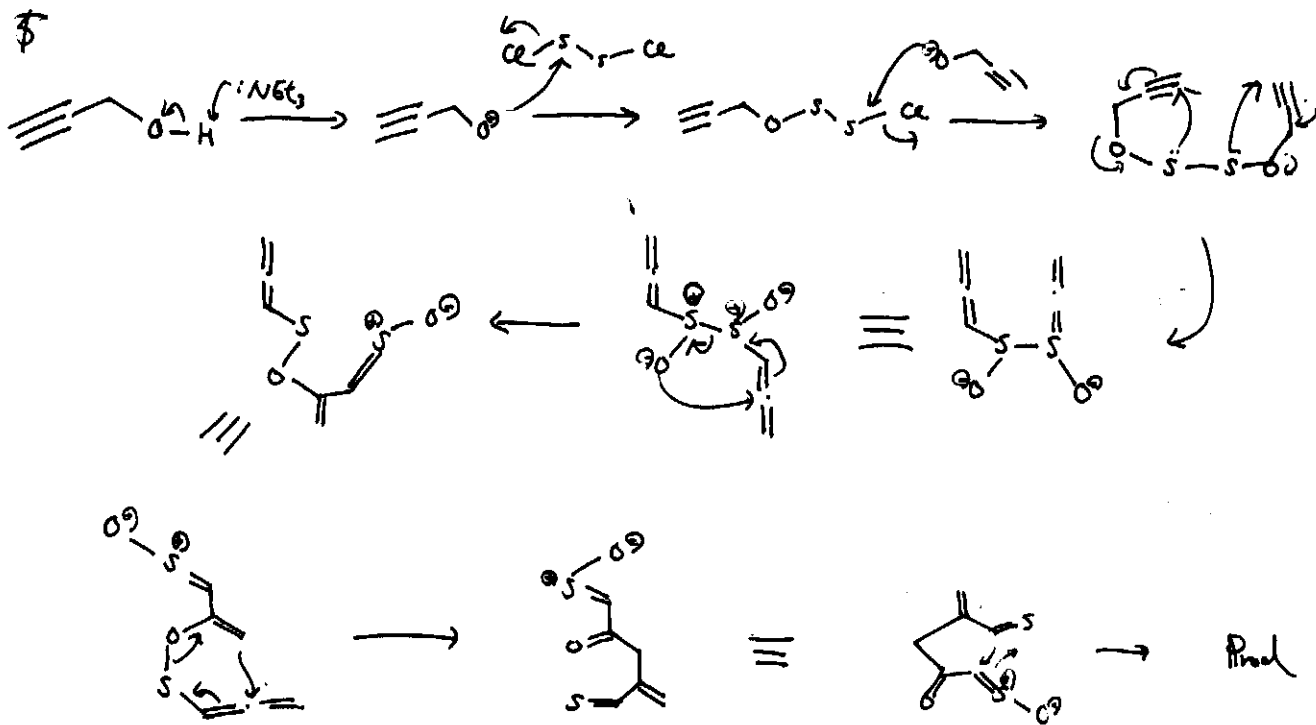
OL 2003 3811



4



Helv Chim Acta
2001 54 3922



TL 44 777 (2003)