

## Ring closure reactions

O 0130

DOI: 10.1002/chin.201034032

34- 032

**Broensted Acid-Catalyzed Cascade Cycloisomerization of Enynes via Acetylene Cations and  $sp^3$ -Hybridized C—H Bond Activation.** — Starting materials (I),(III), and (V) are accompanied by minor amounts of the corresponding isomers possessing an exocyclic double bond. — (JIN\*, T.; HIMURO, M.; YAMAMOTO, Y.; J. Am. Chem. Soc. 132 (2010) 16, 5590-5591, DOI:10.1021/ja101633x ; Dep. Chem., Grad. Sch. Sci., Tohoku Univ., Aoba, Sendai 980, Japan; Eng.) — Nuesgen

