

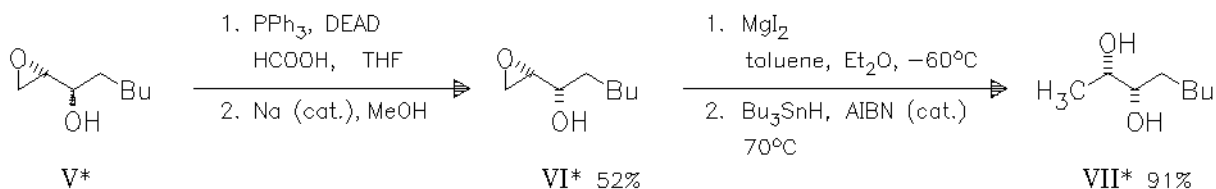
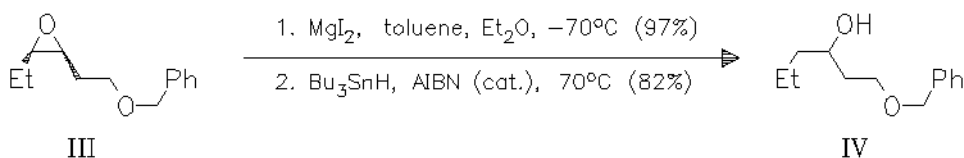
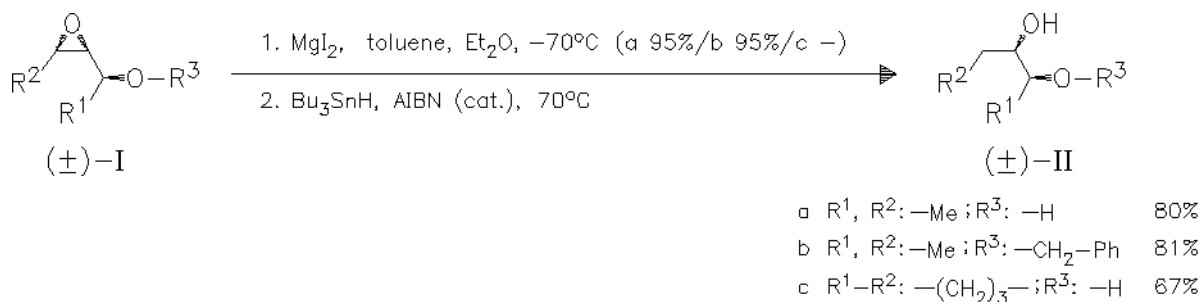
cleavage reactions, decomposition reactions, pyrolysis

O 0100

21 - 087

**Diols Obtained via Chemo- and Regioselective Ring Opening of Epoxy Alcohols: A Straightforward Synthesis of 2S,3S-Octandiol.**

— Epoxy alcohols of type (I) undergo chemo- and regioselective ring opening on treatment with  $\text{MgI}_2$ . Subsequent reduction using  $\text{Bu}_3\text{SnH}$  leads to diols such as (II). This method can be applied to homoallylic epoxy alcohols and to the synthesis of the pheromone (VII). — (BONINI, C.; RIGHI, G.; Tetrahedron 48 (1992) 8, 1531-1538; Dip. Chim., Univ. Studi Basilicata, 85100 Potenza, Italy; EN)

DEAD:  $\text{Et}-\text{O}-\text{CO}-\text{N}=\text{N}-\text{CO}-\text{O}-\text{Et}$