

hydroxylation

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**Copper(I) Iodide Promoted Hydroxylation onto the Lithium or Potassium Enolate of Lactones and Lactams.**

— Enolization of lactones and lactams with lithium or potassium hexamethyldisilazide followed by Cu-catalyzed oxidation of the enolate with tBuOOH or NMO gives  $\alpha$ -hydroxy derivatives. The method is applied to the preparation of racemic camptothecin (VI). — (NAKAZAWA, NORIO; TAGAMI, KEIKO; IIMORI, HITOSHI; SANO, SHIGEKI; ISHIKAWA, TSUTOMU; NAGAO, YOSHIMITSU; Heterocycles 55 (2001) 11, 2157-2170; Fac. Pharm. Sci., Univ. Tokushima, Shō, Tokushima 770, Japan; EN)

