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# **An Efficient Stereoselective Preparation of Vitamin E ( $\alpha$ - Tocopherol) from Phytol.**

— The key step in the synthesis of vitamin E (IV) from phytol (I) is the formation of the propargylic alcohol (III) by treatment of the chloromethyloxirane (II) with butyllithium. (II) is obtained by Sharpless epoxidation and subsequent chlorination of (I). — (TAKANO, S.; SUGIHARA, T.; OGASAWARA, K.; Synlett (1990) 8, 451-452; Pharm. Inst., Tohoku Univ., Aobayama, Sendai 980, Japan; EN)

