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**Dehydrogenation of D-Glycals by Palladium Supported on Activated Charcoal under Ethylene Atmosphere: Synthesis of 1,5-Anhydrohex-1-en-3-uloses.**

— The title reaction affords 1,5-anhydrohex-1-en-3-uloses (II) in high yield. The presence of ethylene suppresses nearly quantitatively the formation of hydrogenated products. — (HAYASHI, MASAHIKO; YAMADA, KANAKO; NAKAYAMA, SHUZO; *Synthesis* (1999) 11, 1869-1871; Dep. Chem., Fac. Sci., Yamaguchi Univ., Yamaguchi 753, Japan; EN)

