other natural products

U 0800 50 - 271 Short and Efficient Synthesis of the Antitumor Heptenes Melodienone and Isomelodienone. — Oxidative opening of the furan (I) (prepared in 4 steps from commercially available 2-methoxyfuran) using Kobayashi's modification of the Clauson–Kaas reaction provides selectively the single isomer melodienone (II). Exposure to dimethyldioxirane leads uniquely to isomelodienone (III). — (BOUKOUVALAS, J.; CHENG, Y.-X.; Tetrahedron Lett. 39 (1998) 39, 7025-7026; Dep. Chim., Univ. Laval, Laval, Que. G1K 7P4, Can.: EN)

Bz-0 O-Me
$$\frac{\text{NBS, NaHCO}_3, Py}{\text{acetone, H}_2\text{O}} \Rightarrow \text{Bz-0} \xrightarrow{\text{O-Me}} 0$$
-Me II 70%

1