Hydroxycarboxylic acids (ether carboxylic acids) and esters

Q 0450 50- 098 Domino Michael/Retro-Michael/Mukaiyama-Aldol Reactions of 1,3-Bis-Silyl Enol Ethers with 3-Acyl- and 3-Formylbenzopyrylium Triflates — Synthesis of Functionalized 2,4'-Dihydroxybenzophenones — [continuation of studies on the synthesis of novel UV absorbers and selectin antagonists for applications in sun-protecting materials]. — (APPEL, B.; ROTZOLL, S.; KRANICH, R.; REINKE, H.; LANGER\*, P.; Eur. J. Org. Chem. 2006, 16, 3638-3644; Inst. Chem., Univ. Rostock, D-18059 Rostock, Germany; Eng.) — Nuesgen

A): Tms-O-Tf,  $CH_2CI_2$ , O -> 25°C

$$\mathsf{iPr} + \mathsf{Tms-O} \, \, \mathsf{O-Tms} \, \, \mathsf{A)} \quad \mathsf{Ph} \quad \mathsf{OH}$$

VII VIII IX 58%

XII XIII XIV a 
$$R^5: -H: R^6: -Me$$
 40% b  $R^5: -H: R^6: -Et$  36% c  $R^5: -(CH_2)_7 -Me: R^6: -Et$  33%