

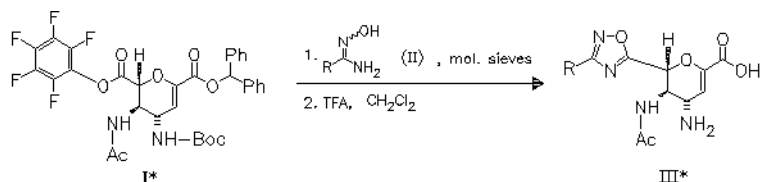
pyran derivatives

R 0340

52 - 156

**Novel Inhibitors of Influenza Sialidases Related to Zanamivir. Heterocyclic Replacements of the Glycerol Side-Chain.**

— Based on molecular-modeling studies, pyran derivatives such as (III) and (VII) bearing a triazole or oxadiazole ring in position C-6 are synthesized. The novel compounds are inhibitors of influenza virus sialidases which show a similar pattern of activity and selectivity compared with the corresponding 4H-pyran-6-carboxamides. — (SMITH, P. W.; WHITTINGTON, A. R.; SOLLIS, S. L.; HOWES, P. D.; TAYLOR, N. R.; *Bioorg. Med. Chem. Lett.* 7 (1997) 17, 2239-2242; Dep. Med. Chem., Glaxo Res. Dev. Ltd., Stevenage, Hertfordshire SG1 2NY, UK; EN)



a R: -Me 45%  
 b R: -Ph 62%  
 c R: -CH<sub>2</sub>-Ph 57%

