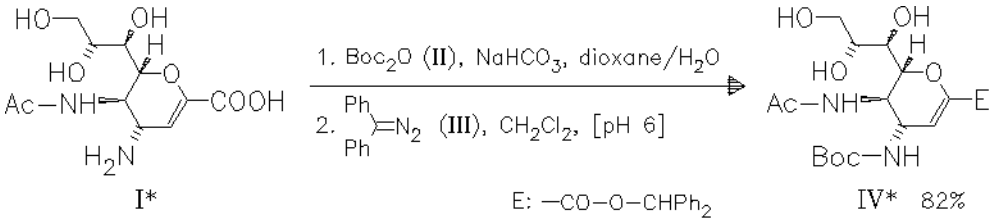
pyran derivatives

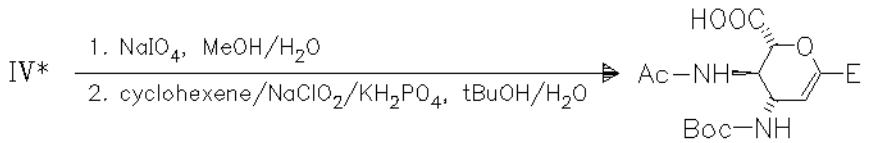
R 0340

27 - 153

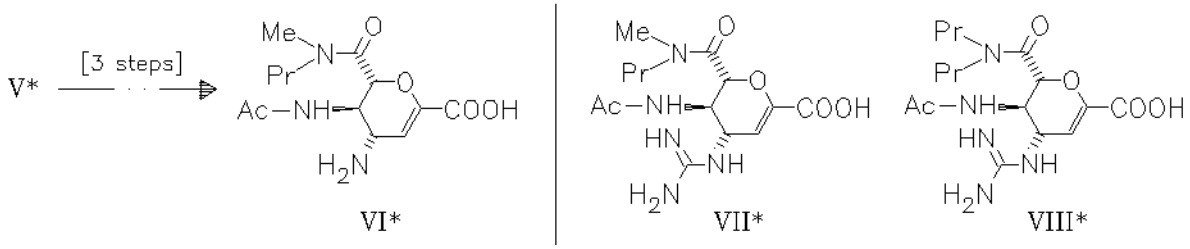
Dihydropyrancarboxamides Related to Zanamivir: A New Series of Inhibitors of Influenza Virus Sialidases. Part 1. Discovery, Synthesis, Biological Activity, and Structure–Activity Relationships of 4-Guanidino- and 4-Amino-4H-pyran-6-carboxamides. — The title compounds are new inhibitors of influenza virus sialidases, are synthesized. Some of the most active derivatives are (VI)–(VIII). — (SMITH, P. W.; ET AL.; J. Med. Chem. 41 (1998) 6, 787-797; Dep. Med. Chem., Glaxo Res. Dev. Ltd., Stevenage, Hertfordshire SG1 2NY, UK; EN)



I* IV* 82%



V* 70%



VI* VII* VIII*