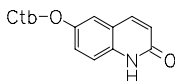


Enzyme inhibiting activity

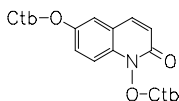
X 0220

22- 213

Synthesis of Related Substances of Cilostazol. — During the process development of cilostazol, a potent and reversible phosphodiesterase III inhibitor, two unknown impurities in the final crude product are detected besides known impurities. The structures of these compounds (I) and (II) are confirmed by synthesis as well as the mechanisms of formation are proposed. — (ZHENG, J.; LIU, Z.; DAI, Y.; ZHAO, Q.; SHEN*, J.; *Heterocycles* 78 (2009) 1, 189-195; Shanghai Inst. Mater. Med., Chin. Acad. Sci., Shanghai 201203, Peop. Rep. China; Eng.) — H. Hoennerscheid



I



II

