

nucleic acids

U 0700

50 - 260

**Synthesis and Chemotherapeutic Activity of a Carbocyclic Analogue of Tegafur.**

— 1-Cyclopentyl-5-fluorouracil (III), an analogue of the potent antitumor agent tegafur, is synthesized by direct condensation of cyclopentyl bromide with silylated 5-fluorouracil. Compound (III) shows moderate antitumor activity but no significant antiviral activity. — (TERAN, C.; SANTANA, L.; TEIJEIRA, M.; URIARTE, E.; BALZARINI, J.; DE CLERCQ, E.; *Pharmazie* 53 (1998) 9, 644; Dep. Quim. Fis. Quim. Org., Univ. Vigo, E-36200 Vigo, Spain; EN)

