

Pyrimidine derivatives

R 0510

15- 156

Alkylation and Acylation of 1-(4-Phenylaminophenyl)dihydropyrimidine-

2,4-(1H,3H)-diones. — Alkylation of the N(3) in the uracil ring occurs on reacting the title compound (I) with dimethyl sulfate whereas the alkylation of the aromatic substituent is carried out with alcohols in the presence of in the presence of acids. Reaction of (I) with acid chlorides leads to acylation of the more reactive secondary aromatic amino group; on acylation with anhydrides additional substitution takes place at the N(3) of the heterocycle. — (RUTKAUSKAS, K.; BERESNEVICIUS, Z.-I.; Chem. Heterocycl. Compd. (N. Y.) 38 (2002) 7, 846-851; Kaunas Univ. Technol., Kaunas 3028, Lithuania; Eng.) — H. Haber



