

94-0070

The invention relates to the thiophenocarbonic acids derivatives, as well as to the obtaining of C₁-C₄-alkyl ethers of the 5-chlor-3-chlorosulphonyl-2-thiophenecarbonic acid - semiproducts for medicinal remedies synthesis. The purpose consists in increasing the efficiency of the product having a special destination and simplification of the process. It is realized by chlorization in the 5 position of the corresponding ether of the indicated acid by means of chlor (which is directed in the amount of 5-50 g/hour to the initial mol (of ether) into the dissolvant medium), CH₂Cl₂, CHCl₃, CCl₄ or their mixture iron presence. The latter is obtained by treatment of metallic iron chlor (the iron amount 1-10 mol to mol of initial ether) in 0,5-5,0 l of dissolvant CHCl₃, CCl₄, CH₂Cl₂ or their mixture (the amount of chlor being 100-1500 g to iron mol) during 1-5 hours at 10-40°C or by holding the iron during 12-48 hours at 0-50°C in the chromium medium.

Besides it is better to effectuate the iron intensification in the dissolvant suspension with gaseous chlor with the ratio evidence of one of the initial ether mols and suspension of 0,2-0,4 iron mol in 1-3 l of CH₂Cl₂, CHCl₃, CCl₄ or their mixture with passage of 200-300 g of chlor to the iron mol during 2-3 hours. The chlorization of the ether is realized till the formation of a monochloric compound with the concentration of 50-70% controlling the process by gaseous chromatography. The obtained product contains a monochloric compound having a concentration of 04,6%.