1,2-TRI- AND TETRAMETHYLENE-4-QUINAZOLONES

V. A. Kovtunenko, A. K. Tyltin, and L. V. Soloshonok

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We found that when the methyl and ethyl esters of anthranilic acid are heated (140°C) for several hours without a solvent with equimolar amounts of ω -halobutyro- or valeronitrile, salts of 1,2-polymethylene-4-quinazolones (Ia-c) are formed.

Compound Ia was isolated during the condensation of methyl anthranilate with ω -chlorobuty-ronitrile in a yield of 78%, mp 285°C (from alcohol), and was identical to the compound obtained by the method described in [1]. Compound Ib was obtained in a yield of 49%, mp 294°C. Similarly compound Ic, whose structure was confirmed by the data of IR and PMR spectra, was obtained in a yield of 34%, mp 284-285°C.

The data of elementary analysis of compounds synthesized correspond to the calculated values.

LITERATURE CITED

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