

Cyclization of α - and β -(arylseleno)alkylcarboxylic acids and their derivatives

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Abstract

The cyclization of α - and β -(arylseleno)alkylcarboxylic acids in polyphosphoric acid was studied. It was found that α -(arylseleno)alkylcarboxylic acids do not cyclize under those conditions in which cyclization of the analogous β -(arylseleno)alkylcarboxylic acids does occur. A convenient method for the preparation of 2-methylselenonaphtanone by the cyclization of α -phenylselenopropionyl chloride is proposed. © 1973 Consultants Bureau, a division of Plenum Publishing Corporation.

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