

The reaction of triphenylarsine oxide with ethyl iodoacetate leading to triphenyl (carboethoxy)methylarsonium triiodide

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Abstract

New data are presented for some processes accompanying "retro-Arbuzov" reaction of tertiary arsine oxides with halogen-containing reagents. Triphenyl (carboethoxy)methylarsonium triiodide 10a was obtained in the reaction of triphenylarsine oxide 1a with excess of ethyl iodoacetate 2a. The structure of 10a was established by X-ray single crystal diffraction. © 2004 Wiley Periodicals, Inc.

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