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IR spectral investigation of the structures of the products of the reaction of tertiary arsine oxides with alkyl halides

Shagidullin R., Izosimova S., Chernokal'skii B., Vorob'eva L.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

1. The IR spectra of adducts of the $[R_3AsO]_2HHal$ composition were studied. 2. The broad absorption at 750-1800 cm^{-1} , which is separated into approximately three bands, was assigned to the absorption of the OH group, which participates in a strong symmetrical hydrogen bond. The structures of the adducts were established. © 1972 Consultants Bureau.

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