

Other possibilities of obtaining of arsonium salts

Maia Rusia^a, Manuchar Chikovani

e-mail: maiarusia@mail.ru

Department of Chemistry, Faculty of Exact and Natural
Sciences, Ivane Javakhishvili Tbilisi State University,
0179 Tbilisi, Chavchavadze Ave.3, Georgia

Of the organic compounds containing arsenic, tertiary arsines, arsonium salts, and their conversion products are especially often used in practice. The use of arsonium salts to obtain coordination compounds is very important for the chemistry of organic compounds. Arsenic-containing compounds are widely used in medicine, agriculture and veterinary medicine. Buying of materials necessary for the synthesis of Arsonium salts and their import into the country is very difficult. To solve this problem, we have developed an effective way to obtain Arsonium salts from arsenic-containing industrial wastes and we think that in this way the problem of waste neutralization is solved and an original opportunity for their practical use can be found. These toxic wastes distributed in the open air pose a danger to the population, to domestic and wild animals and birds. We have developed an effective way to obtain salts of arsonium.