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PREFACE

The utilization of organotin compounds in modern organic synthesis continues to grow at an impressive rate. The organotin compounds are fairly stable and can be handled easily. In some cases, the reaction can be carried out in the presence of water or even accelerated by the presence of water. Most of organotin compounds are stable in air and moisture, and storable without special caution. Nevertheless, the tin compounds are more reactive than the corresponding silicon compounds and exhibit wide reactivity.

The aim of this Symposium, which is composed of 28 papers from 11 different countries, is to present a broad spectrum of current synthetic application of organotin compounds, and to make known the mechanistic study associated with organotin mediated reactions. The papers are presented approximately in the following order: radical reactions and their application to natural product synthesis, transition metal catalyzed reactions, allylic tin reactions and their NMR spectroscopic investigations, vinyl and aromatic tin reactions, intramolecular reactions of aliphatic tins having functional groups, organic synthesis via organotins having Sn-hetero atom bonds and their application to medicinal chemistry.

It is hoped that this compilation will function not only as a valuable source of information for synthetic chemists but also for future developments in organotin chemistry.

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