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Comprehensive Heterocyclic Chemistry: The Structure, Reactions, Synthesis, And Uses Of Heterocyclic Compounds



Synopsis

Heterocyclic compounds include all nucleic acids, many sugars, vitamins, hormones, antibiotics and other synthetic pharmaceuticals, most dyes, pesticides and weedkillers. The eight volumes of this major work of reference are the most authoritative, modern and complete ever published on the subject. They give an up-to-date overview of the whole area appropriate to the needs of researchers, teachers and others with an interest in the subject and its applications, provide detailed information to answer specific questions, demonstrate exactly what is known or not known on a given topic, and direct attention to more detailed reviews. A systematic arrangement of the chapters provides a uniform treatment throughout and allows very easy access to the primary literature. Volume 1 specifically deals with general matters, biological and industrial aspects, and compounds containing less-common heteroatoms.

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Alan Katritzky, educated at Oxford, held faculty positions at Cambridge and East Anglia before migrating in 1980 to the University of Florida, where he is Kenan Professor and Director for the Institute for Heterocyclic Compounds. He has trained some 800 graduate students and post-docs, and lectured and consulted world-wide. He led the team, which produced "Comprehensive Heterocyclic Chemistry" and its sequel "CHECII", has edited "Advances in Heterocyclic Chemistry, Vols. 1 through 86" and conceived the plan for "Comprehensive Organic Functional Group Transformations". He founded Arkat-USA, a non-profit which publishes "Archive for Organic Chemistry" (ARKIVOC) electronic journal completely free to authors and readers at (www.arkat-usa.org). Honors include 11 honorary doctorates from 8 countries and membership or foreign membership of the National Academies of Britain, Catalonia, India, Poland, Russia and Slovenia.

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