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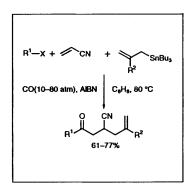
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Contemporary Organic Synthesis

A journal of current developments in Organic Synthesis

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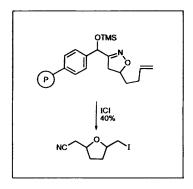
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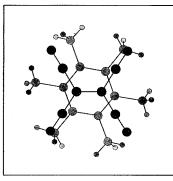
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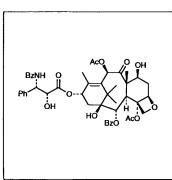
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Introduction

The synthesis of molecules and molecular assemblies lies at the heart of organic chemistry, and the discipline impinges on all fields of science. Organic synthesis forms the cornerstone of the chemicals industry, including pharmaceuticals, agrochemicals, polymers, dyestuffs, and new materials with novel electrical and optical properties. Far from being a 'mature' science, organic synthesis has a very long way to go if it is to meet the needs of the 21st century and beyond. Much has been achieved over the past century and the subject has developed at a remarkable pace, particularly over the past two decades.

Today's organic synthesis chemists are busy designing catalytic asymmetric processes; addressing aspects of selectivity, efficiency, and control in reactions; developing biological methods, e.g. abzymes; discovering new reagents and materials; pushing back the frontiers of bioinorganic chemistry and molecular recognition phenomena. They also address fundamental problems in biology and medicine, e.g. cancer, AIDS; and they contribute significantly to global resource issues, e.g. conversion of biomass into fuel, and to the burgeoning issues of 'clean synthesis' and 'the environment'.

The rapid developments that are taking place in organic synthesis have led to a need for an all-embracing review journal that will: (i) provide easy access to specific information within contemporary organic synthesis, and (ii) alert synthetic chemists to new opportunities and new directions. Contemporary Organic Synthesis (COS) aims to meet all these needs! COS is a natural successor to the Royal Society of Chemistry's Specialist Periodical Report 'General and Synthetic Methods' (GSM) which ceases with the publication of Volume 16 in February 1994, having provided an annual coverage and appraisal of developments in organic synthesis and methodology

since 1976. The task of condensing a particular year's coverage of organic synthesis into one volume of *GSM*, and publishing it within a reasonable time, has, however, become increasingly difficult and almost untenable. *Contemporary Organic Synthesis* will allow more rapid publication of organic synthesis articles and provide far greater flexibility of content.

This new journal will review and provide perspective on all aspects of methodology, selectivity, and efficiency in contemporary synthesis. As well as covering all the principles and methods in functional group chemistry and interconversions, organometallic chemistry and asymmetric synthesis will feature prominently, as will modern aspects of strategy and computer-aided design, biotransformations and protecting group protocols. Special methods and techniques, such as sonochemistry, FVP, electroorganic synthesis, and supported catalysis will be included as occasional articles, and the manner in which synthesis addresses problems and provides solutions in biology, medicine, agriculture, and new materials will also be encompassed.

Contemporary Organic Synthesis will be published bimonthly in the attractive format — designed for ease of retrieval of information — presented in this first issue. COS will aim to be proactive, drawing attention to new opportunities and new directions, providing timely information to the synthetic chemist who needs to keep abreast of developments in the field. Contributions will be commissioned by members of the Editorial Board, but we would welcome any suggestions for future coverage, contents, and aspects of presentation.

G. Pattenden January 1994