

125974-69-8; **15c**, 125974-73-4; **16b**, 125974-56-3; **16c**, 125974-74-5; **17a**, 125974-57-4; **17b**, 125974-70-1; **17c**, 125974-75-6; **18a**, 125974-58-5; **18b**, 125974-71-2; **18c**, 125974-76-7; **19a**, 530-93-8; **19b**, 1078-19-9; **19d**, 33892-75-0; **20a**, 125974-59-6; **20b**, 125974-77-8; **20d**, 125974-78-9; **21a**, 125974-60-9; **21b**, 125974-80-3; **21d**, 125974-79-0; **22a**, 125974-61-0; **22b**, 125974-82-5; **22d**, 125974-81-4; **23a**, 125974-62-1; **23b**, 125974-84-7; **23d**, 125974-83-6; **24a**,

125974-63-2; **24b**, 125974-86-9; **24d**, 125974-85-8; **25a**, 125974-64-3; **25d**, 125974-87-0; **25e**, 125974-88-1; **26a**, 125974-65-4; **26b**, 125974-89-2; **27a**, 125974-66-5; **27d**, 125974-90-5; **27e**, 125974-91-6; **28a**, 125974-67-6; **28b**, 125974-92-7; **28c**, 125974-93-8; **28d**, 125995-64-4; **28e**, 125974-94-9; 3-(dimethylamino)propylamine, 109-55-7; 3-(diethylamino)propylamine, 104-78-9; 3-(dimethylamino)-2-methylpropylamine, 6105-72-2.

Book Reviews

Synthesis and Applications of Isotopically Labeled Compounds 1988. Proceedings of the Third International Symposium. Innsbruck, Austria, 17-21 July, 1988. Edited by T. A. Baillie and J. R. Jones. Elsevier, New York, 1989. xxxvii + 823 pp. 17 × 24.5 cm. ISBN 0-444-87368-6.

This work chronicles the third meeting of its kind and the first at a European venue. Attended by slightly over 300 scientists from all over the world, the meeting was extraordinary in its setting and quality of participation covering a wide range of topics in isotope research.

Divided into seventeen sections, this volume reviews the contents of the symposium by the use of author-prepared abstracts which were directly reproduced. Among the topics discussed are radiation-induced reactions, new techniques in isotopic analysis, synthesis of isotopically labeled compounds via organometallic chemistry, and current trends and future prospects in the synthesis and applications of isotopically labeled compounds. One section is even devoted to the many posters presented at the meeting. As with the preceding volume, this book also contains a useful author and subject index and a valuable listing of the meeting participants with their affiliations and addresses.

With each succeeding symposium of this kind both the scientific merit of the meeting and published proceedings increase. The editors of this particular volume should be commended especially for the several years of diligent effort required to produce such a large volume of uniform quality contributions. This book will undoubtedly be a welcome addition to the libraries of those researchers working with isotopically labeled substances.

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Crist N. Filer

The Conformational Analysis of Cyclohexenes, Cyclohexadienes, and Related Hydroaromatic Compounds. Edited by Peter W. Rabideau. VCH Publishers, Inc., New York, 1989. 323 pp. 16 × 24 cm. ISBN 0-89574-702-7. \$74.50.

This is a good book. It covers in detail the title subjects. While the conformational analysis of cyclohexane has been worked out exhaustively, there is no comparable review of cyclohexenes and the other derivatives discussed in this volume.

The book consists of eight chapters. The first and most detailed, by F. A. L. Anet, is on the conformational analysis of cyclohexene itself. The second, by J. B. Lambert, is concerned with exocyclic double bonds in six-membered carbocyclic rings. There are then chapters on both 1,3- and 1,4-cyclohexadienes and related compounds, on ¹³C NMR, on applications to the structures at hand, and on force field calculations. There is a short chapter on heterocyclic partially unsaturated six-membered rings, but this is rather sketchy. Finally, there is a chapter on metabolites of carcinogenic hydrocarbons, as related to the above.

There is much useful information on the title compounds here, gathered together in one place, and well presented.

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