Organic Synthesis: The Disconnection Approach (2nd Revised edition)

By Stuart Warren, Paul Wyatt

John Wiley and Sons Ltd. Paperback. Book Condition: new. BRAND NEW, Organic Synthesis: The Disconnection Approach (2nd Revised edition), Stuart Warren, Paul Wyatt, One approach to organic synthesis is retrosynthetic analysis. With this approach a chemist will start with the structure of their target molecule and progressively cut bonds to create simpler molecules. Reversing this process gives a synthetic route to the target molecule from simpler starting materials. This "disconnection" approach to synthesis is now a fundamental part of every organic synthesis course. Organic Synthesis: The Disconnection Approach, 2nd Edition introduces this important technique, to help students to design their own organic syntheses. There are forty chapters: those on the synthesis of given types of molecules alternate with strategy chapters in which the methods just learnt are placed in a wider context. The synthesis chapters cover many ways of making each type of molecule starting with simple aromatic and aliphatic compounds with one functional group and progressing to molecules with many functional groups. The strategy chapters cover questions of selectivity, protection, stereochemistry, and develop more advanced thinking via reagents specifically designed for difficult problems. Examples are drawn from pharmaceuticals, agrochemicals, natural products, pheromones, perfumery and flavouring compounds, dyestuffs, monomers, and...

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An extremely awesome publication with lucid and perfect explanations. It is actually writter in basic phrases rather than confusing. You will like how the writer publish this book.
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