Successful Drug Discovery, Volume 1

Description: The first volume of the book series Successful Drug Discovery is focusing on new drug discoveries during the last decade, from established drugs to recently introduced drugs of all kinds: small-molecule-, peptide-, and protein-based drugs.

The role of serendipity is analyzed in some very successful drugs where the research targets of the lead molecule and the drug are different. Phenotypic and target-based drug discovery approaches are discussed from the viewpoint of pioneer drugs and analogues.

This volume gives an excellent overview of insulin analogues including a discussion of the properties of rapid-acting and long-acting derivatives of this important hormone.

The major part of the book is devoted to case histories of new drug discoveries described by their key inventors. Eight case histories range across many therapeutic fields.

The goal of this book series is to help the participants of the drug research community with a reference book series and to support teaching in medicinal chemistry with case histories and review articles of new drugs.

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