

PROTECTING GROUPS, Philip J, Kocienski, corrected edition, Georg Thieme Verlag Stuttgart, Thieme Medical Publishers, Inc., New York

The corrected edition of Philip J. Kocienski's book, PROTECTING GROUPS, contains a valuable selection of the most widely used protecting groups in organic synthesis. The book presents about 50 protecting groups used to protect 5 common functional groups: hydroxyl, diol, carbonyl, carboxyl and amino. In each case, 3 essential aspects are revealed: deprotection conditions, methods of formation and NMR data of the protecting group coming into the molecule. This unconventional approach allows an easy estimation of the possibilities offered by each group in a multi-step synthesis. More than that, over 500 illustrative reaction schemes are presented. In most of the cases, the experimental details (solvent, temperature, reaction time, stoichiometry, yield and scale) provided for representative reactions, permit an easy evaluation of the methods.

PROTECTING GROUPS, by Philip J. Kocienski, is a valuable book for any scientist or researcher involved in fine organic chemistry synthesis.

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