



Science of Synthesis Stereoselective Synthesis 3

Stereoselective Pericyclic Reactions, Cross Coupling, C-H and C-X Activation Workbench
Edition

Author : Evans

Edition : 1

Year : 2011

Pages : 1118

ISBN : 9783131651815

Price : \$400.00

Description

The major emphasis here is on enantioselective reactions using asymmetric catalysts. Examples from the total synthesis of various natural and unnatural targets validates the utility of the synthetic methods. Specific topics discussed: cycloaddition, cycloisomerization and sigmatropic rearrangement reactions, allylic and carbonyl functionalization reactions, metal-catalyzed cross-coupling reactions, desymmetrization, fluorination, polymerization and sulfide oxidation reactions.