

The Future is OPEN



Organic Synthesis

ORGANIC SYNTHESIS



This text is designed to build on traditional Organic Chemistry I and II courses for an Advanced Organic Chemistry class. The focus is on key reaction types that enable the construction of complex organic molecules: pericyclic reactions, transition metal catalyzed reactions, rearrangements, fragmentations, radical reactions, and carbene reactions. It explores these reactions through both mechanism and synthesis problems with many examples from the current literature.

Kevin Shea

Kevin Shea
Smith College

