A clear road map for helping readers successfully navigate around the problems involved with promiscuous ligands and targets, Polypharmacology in Drug Discovery provides real examples, in-depth explanations and discussions, and detailed reviews and opinions to spark inspiration for new drug discovery projects.

Extending drug discovery opportunities beyond the "one drug, one target" philosophy, a polypharmacological approach to the treatment of complex diseases is emerging as a hot topic in both industry and academic research. Polypharmacology in Drug Discovery presents an overview of the various facets of polypharmacology and how it can be applied as an innovative concept for developing medicines for treating bacterial infections, epilepsy, cancer, psychiatric disorders, and more. Filled with a collection of instructive case studies that reinforce the material and illuminate the subject.

Publication Year 2012
Edition 1st
Author/Editor Peters, Jens-Uwe
Publisher Wiley
ISBN 978-0-470-59090-4
Doody’s Star Rating® ★★★★★ Score: 98
Platform Ovid
Product Type Book
Speciality Chemistry
Pharmaceutical Science
Pharmacology
Language English
Pages 544
Illustrations 0
Included In Wiley Doody’s Premier Titles Collection 2014
Wiley Drug Discovery & Development Book Collection
Wiley Essentials in Pharmaceutical Science Book Collection