1. Record Nr. UNINA9910830570403321 Applied biocatalysis: the chemist's enzyme toolbox / / edited by John Titolo Whittall, Peter W. Sutton Pubbl/distr/stampa Hoboken, New Jersey;; Chichester, West Sussex, England:,: Wiley,, [2021] ©2021 **ISBN** 1-119-48703-X 1-5231-3729-0 1-119-48702-1 1-119-48704-8 Descrizione fisica 1 online resource (xviii, 540 pages) : illustrations Disciplina 660.2995 Soggetti **Biocatalysis** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "Biocatalysis has had a significant impact on the synthesis of active Sommario/riassunto pharmaceutical ingredients (APIs) in recent years. The main driver for this is the ability to harness the regio- and stereoselectivity of enzymes to improve the efficiency of synthetic routes. For example, enzymes can offer direct access to enantiopure products, where traditional organic synthesis would require either resolution or the use of auxiliary groups [1], whilst applied enzymes have improved syntheses or generated molecules that would otherwise be either impossible or impractical to synthesise."--