Record Nr. UNINA9910143829203321 Autore Begue Jean-Pierre Titolo Bioorganic and medicinal chemistry of fluorine [[electronic resource] /] / Jean-Pierre Beque, Daniele Bonnet-Delpon; translated from French by Julien Legros Pubbl/distr/stampa Hoboken, N.J., : John Wiley & Sons, c2008 **ISBN** 1-281-38145-4 9786611381455 0-470-28189-8 0-470-28187-1 Descrizione fisica 1 online resource (385 p.) Altri autori (Persone) Bonnet-DelponDaniele Disciplina 547.02 547/.02 Soggetti Fluorine compounds - Therapeutic use Fluorine - Physiological effect Organofluorine compounds Bioorganic chemistry Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Translated from the French. Nota di bibliografia Includes bibliographic references and index. General remarks on structural, physical, and chemical properties of Nota di contenuto fluorinated compounds -- Overview on the preparation of fluorinated compounds -- Effects of fluorine substitution on biological properties -- Fluorinated analogues of natural products -- Fluorinated derivatives of ?-amino acids and proteins -- Saccharidic fluorinated derivatives --Inhibition of enzymes by fluorinated compounds -- Fluorinated drugs. Sommario/riassunto Provides a thorough overview of the role of fluorine in pharmaceutical science and development Includes chapters on fluorinated analogues of natural products, fluorinated amino acids and peptides, and derivatives

of sugars Classifies marketed and in-development fluorinated

pharmaceuticals according to their therapeutic classes