

1. Record Nr.	UNINA9910778309703321
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Titolo	Free energy relationships in organic and bio-organic chemistry [[electronic resource] /] / Andrew Williams
Pubbl/distr/stampa	Cambridge, U.K., : RSC, c2003
ISBN	1-78801-830-3 1-84755-092-4
Descrizione fisica	1 online resource (313 p.)
Disciplina	547.139
Soggetti	Linear free energy relationship
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	01PRELIM; 02PREFA; 03CONT; 04CHAP01; 05CHAP02; 06CHAP03; 07CHAP04; 08CHAP05; 09CHAP06; 10CHAP07; 11APPEN1; 12APPEN2; 13APPEN3; 14APPEN4; 15INDEX
Sommario/riassunto	Introducing the application of free energy correlations to elucidating the mechanisms of organic and bio-organic reactions, this book provides a new and illuminating way of approaching a potentially complex topic. The idea of how free energy correlations derive from polar substituent change is introduced, and common pitfalls encountered in the application of free energy relationships are described, along with the use of these anomalies in mechanistic studies. The concept of effective charge is described in detail, with examples of its application. Throughout, worked answers are provided for th