

1. Record Nr.	UNINA9911019385903321
Autore	Zollinger Heinrich
Titolo	Diazo Chemistry I: Aromatic and Heteroaromatic Compounds
Pubbl/distr/stampa	[Place of publication not identified], : John Wiley & Sons Incorporated, 1994
ISBN	1-280-55867-9 9786610558674 3-527-60172-4
Descrizione fisica	1 online resource (457 pages)
Disciplina	547.043
Soggetti	Diazo compounds Chemistry, Organic
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Methods for the preparation of aromatic and heteroaromatic diazo compounds -- Kinetics and mechanism of diazotization -- The structure of diazonium compounds -- Acid-base and isomerization reactions of diazo compounds in water -- Additions of other nucleophiles to arenediazonium ions -- Structural and mechanistic aspects of additions of nucleophiles to diazonium ions -- Dediazonation of arenediazonium ions -- Logic, psychology, and serendipity of scientific discoveries -- an interlude -- Applications of heterolytic and homolytic dediazoniations in organic syntheses -- Host-guest complexation of arenediazonium salts -- Azo coupling reactions -- Formation and reactions of triazenes.
Sommario/riassunto	This text provides a homogenous presentation of aspects of diazo chemistry. It is practice-oriented due to a strong emphasis on applications and includes many tables, schemes and literature citations. It should be a useful reference work for synthetic organic chemists.