1. Record Nr. UNINA9910830213303321

Autore	Sumpter Ward C
Titolo	Heterocyclic compounds with indole and carbazole systems [[electronic resource] /] / Ward C. Sumpter, F.M. Miller
Pubbl/distr/stampa	New York, : Interscience, 1954
ISBN	1-282-30142-X 9786612301421 0-470-18657-7 0-470-18807-3
Descrizione fisica	1 online resource (322 p.)
Collana	Chemistry of heterocyclic compounds ; ; v. 8
Altri autori (Persone)	MillerF. M <1905-1992.> (Fred Mathias)
Disciplina	547.593 547/.59/05
Soggetti	Indole Carbazole
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	Heterocyclic Compounds with Indole and Carbazole Systems; Contents; I. Indole; Introduction; Synthesis of Indole; Oxidation of Indole; Tautomerism of Indole; Sulfonation of Indole; Halogen Derivatives of Indole; Alkyl Derivatives of Indole; Indoline; Metal Salts of Indole; Indole Aldehydes; Acyl Derivatives of Indole; Condensation of Indoles with Aldehydes; Indolylmagnesium Halides; Indole Polymers; Preparation and Reactions of Gramine; Carboxylic Acids of the Indole Series; II. Carbazole; Introduction; Preparation of Carbazole; Graebe-Ullman Synthesis; Method of Borsche Other Methods of Synthesis of CarbazolesNitro Derivatives of Carbazole; Aminocarbazoles; Halogen Derivatives of Carbazole; Carbazolesulfonic Acids; Reduction of Carbazole; Oxidation of Carbazole; Carbazyl Aldehydes and Ketones; Carbazole Carboxylic Acids; N-Acyl Carbazoles; N-Alkyl Carbazoles; III. Isatin; Preparation of Isatin; Properties of Isatin; Tautomerism; Reactions of Isatin; Oxidation and Reduction; Halogenation and Nitration; Acylation and Alkylation; Reactions of the Carbonyl Groups; Grignard Reagents; Amine Derivatives; Miscellaneous Reagents; Active Methylene Groups

Biological Activity of IsatinAnalytical Uses of Isatin; IV. Oxindole; Preparation of Oxindoles; Properties of Oxindoles; Tautomerism; Salts; Reactions of Oxindole; Reduction; Halogenation and Nitration; Condensation Reactions; Alkylation and Acylation; Derivatives; Hydroxyoxindoles; Dioxindole; 1-Hydroxyoxindole; Aminooxindoles; 3,3-Diaryloxindoles; V. Isatogens; VI. Indoxyl; Introduction; Synthesis of Indoxyl; Physical Properties; Reactions; Acyl Derivatives of Indoxy1; Indoxyl Sulfuric Acid; Indican; Indoxylic Acid and Indoxyl-2-aldehyde; VII. Indigo; Introduction; Occurrence of Indigo
Synthesis of IndigoPhysical Properties of Indigo; Chemical Properties of Indigo; Formation of Salts; Oxidation of Indigo; Imides and Oximes of Indigo; Reduction of Indigo; Halogenated Indigos; Alkyl and Acyl Derivatives of Indigo; Preparation of Indigoids; Isoindigo and Indirubin; VIII. Natural Products Containing the Indole Nucleus; Simple Bases; Gramine; Donaxarine; Tryptophan; Serotonin; Abrine; Hypaphorine; Bufotenines; Dipterine; Calabar Alkaloids; Physostigmine; Geneserine; Harmala Alkaloids; Harmaline, Harmine, and Harmalol; Harman; Eleaginine; Leptocladine; Calycanthine
CalycanthidineFolicanthine; Evodia Alkaloids; Evodiamine; Rutecarpine; Cinchona Alkaloids; Cinchonamine; Quinamine; Yohimbe Alkaloids; Yohimbine; Corynantheine; Corynantheidine; Quebracho Alkaloids; Aspidospermine; Vallesine; Quebrachamine; Calabash Curare Alkaloids; Alstonia Alkaloids; Alstonine; Alstonilidine; Gelsemium Alkaloids; Gelsemine; Sempervirine; Gelsemicine; Raurmuolfia Alkaloids; Ajmaline; Rauwolscine; Serpentine; Geissospermum Alkaloids; Geissospermine; Ergot Alkaloids; Strycbnos Alkaloids; Strychnine and Brucine; Vomicine; - and -Colubrine; Strychnospermine; Holstiine
Mold Products

Sommario/riassunto

Chemistry of Heterocyclic Compounds publishes articles, letters to the Editor, reviews, and minireviews on the synthesis, structure, reactivity, and biological activity of heterocyclic compounds including natural products. The journal covers investigations in heterocyclic chemistry taking place in scientific centers of all over the world, including extensively the scientific institutions in Russia, Ukraine, Latvia, Lithuania and Belarus.