

1. Record Nr.	UNINA9910706147203321
Autore	Prabhakara Cuddapah
Titolo	TMI rain rate estimation over land and ocean utilizing convective and stratiform discrimination // C. Prabhakara [and three others]
Pubbl/distr/stampa	Greenbelt, Maryland : , : National Aeronautics and Space Administration, Goddard Space Flight Center, , September 1999
Descrizione fisica	1 online resource (ix, 27 pages) : illustrations
Collana	NASA/TM ; ; 1999-209479
Soggetti	Meteorological radar Microwave imagery TRMM satellite Rain Tropical meteorology Precipitation (meteorology) Meteorological parameters Tropical regions
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Livello bibliografico	Monografia
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2. Record Nr.	UNINA9910830143403321
Autore	Simpson J. C. E
Titolo	Condensed pyridazine and pyrazine rings [[electronic resource] /] / J.C. E. Simpson
Pubbl/distr/stampa	New York, : Wiley, 1953
ISBN	1-282-30140-3 9786612301407 0-470-18655-0 0-470-18805-7
Descrizione fisica	1 online resource (413 p.)
Collana	Chemistry of heterocyclic compounds ; ; 5
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Soggetti	Heterocyclic compounds Pyridazines
Lingua di pubblicazione	Inglese
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Nota di contenuto	CONDENSED PYRIDAZINE AND PYRAZINE RINGS (Cianolines, Phthalazines, and Quinoxalines); J. C. E. Simpson, 1908-1952; Preface; Contents; PART I. Cinnolines; I . General Introduction to Cinnoline Derivatives. Preparation and Properties of Cinnoline; 1. General Introduction to Cinnoline Derivatives; 2. Preparation and Properties of Cinnoline; II. 4-Aryl-, 4-Aeyl-, and 4-Carboxycinnolines; 1. 4-Arylcinnolines; 2. 4-Acylicinnolines; 3. 4-Carboxycinnolines (Cinnoline-4-carboxylic Acids); III. 4-Methylcinnolines; IV. 4-Hydroxycinnolines; 1. Methods of Preparation; A . Richter Synthesis B . Pfannstiel and Janecke SynthesisC. Borsehe Synthesis; 2. Properties; A. 4-Hydroxycinnolines Other Than 4-Hydroxycinnoline-3-carboxylic Acids; B. 4-Hydroxycinnoline-3-carboxylic Acids; V. 4-Chloro-, 4-Alkoxy-, and 4-Phenoxycinnolines; 1. 4-Chlorocinnolines; 2. 4-Alkoxycinnoline; 3. 4-Phenoxycinnoline; VI. 4-Aminocinnolines; 1. Primary Amino Compounds; 2. Secondary Amino Compounds; A. 4-Arylamino-cinnolines; B. 4-Dialkylaminoalkylaminocinnolines; C. 4-Hydroxylamino-7-acetylcinnolineoxime; VII. Cinnoline Quaternary Salts; A. Preparation; B. Structure; C. Reactions; VIII . Reduced

## Cinnolines

1. Reduced Cinnolines with Nonoxygenated Rings A . Dihydrocinnolines; B . Tetrahydrocinnoline; C . Hexahydrocinnolines; 2 . Reduced Cinnolines with Oxygenated Rings; A . Reduced 3- and 4-Hydroxycinnolines; B . 1-Methyl -4-keto-1,4-dihydrocinnolines; C . Methyl 4-Keto-4,6-dihydrocinnolyl-6-nitronates; D . 3-Acetoxy-2-aryl-6-keto-2,6-dihydrocinnolines; E. 2-Pheny1-3-keto-hydroxy-2,3,5,6,7,8-hexahydrocinnoline; IX . Cinnolines Containing Additional Fused Rings; 1. 3,4--Benzocinnolines; 2. Tetrahydro-3,4-benzocinnolines; 3. Other Cinnolines with Additional Aromatic Rings  
4. Cinnolines Containing Bridged Rings  
5. Cinnolinea Containing Fused Heterocyclic Rings; PART II . Phthalazines; X . Phthalazines Unsubstituted in the Hetero Ring; 1. Phthalazine; 2. 5,6-Dihydroxyphthalazine; XI . 1-Alkyl-, 1-Aryl-, and 1,4-Diarylphthalazines; 1. 1-Alkyl- and 1-Arylphthalazines; 2 . 1,4-Diarylphthalazines; XII. 1-Hydroxyphthalazines; A. Preparation; B . Properties.; XIII. Alkyl, Aryl, and Acyl Derivatives of 4-(1-) Hydroxyphthalazines; 1. O-Derivatives; 2. N-Derivatives (3-Substituted-4-keto-3,4-dihydrophthalazines); A . Compounds without a 1-Substituent  
3Aryl-, 3-Alkyl-, and 3-Aralky-4-keto-3,4-dihydrophthalazines B . Compounds with a 1-Substituent; 3. Derivatives of Unknown Structure; XIV. 1-Hydroxy-3-aryl-3,4-dihydrophthalazine- 4-acetic Acids; A . Preparation; B . Properties; XV. 3-Aryl-1-ketophthalazines; A . Preparation; B. Properties and Reactions; XVI . Methylated Derivatives of 3-Aryl-1-ketophthalazines; 1. Derivatives of Compounds Containing a Hydrogen Atom at C4; A. 1.Methoxy-4-alkoxy-3-aryl-3,4-dihydrophthalazines; B. 1-Methoxy-3-arylphthalazinium Perchlorates  
2. Derivatives of Compounds Containing a Methyl Group at C4 : 1-Methoxy-3-aryl-4-methylene-3,4-dihydrophthalazines

### Sommario/riassunto

A volume in the Chemistry of Heterocyclic Compounds series, this book provides a summary of the chemistry of each of the six naphthyridine systems along with tables of known simple derivatives with original references. Each of the six naphthyridine systems are described in valuable detail and coverage includes: Primary synthetic methods from non-naphthyridine substrates; Chemistry and properties of the parent heterocycle and its simple alkyl derivatives; Formation and reactions of halogeno derivatives; formation and reactions of hydroxy, oxo, alkoxy, and related derivatives.