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cyanines; F. Thiacyanines; 2. -Cyanine Condensation (Involving Reactive I, Cl, CN, or SO₃R, and Elimination of 2HX); A. General; B. 2,2'-Cyanines; C. 2,4'-Cyanines
D. Thia-4'- and Seleno-4'-cyanines
E. Indo-2'-cyanines; F. Thia-2'-, Oxa-2'-, and Seleno-2'-cyanines; G. Thiazolo-a'-. Thiazolino-Z'-. Ox&olo-2'-. and Selenazolo-2'- cyanines; H. 2-Pyrido-2'-, 2-Pyrido4'-, 4-Pyrido.2'-, and 4-Pyrido-4'- cyanines; I. 2-Pyridothia- and Oxa-2'-pyrido-cyanines; J. 2.2'-, 2.4'-, and 4.4'- Pyridocyanines; K. Thiazolo-2'-, Thiazolino-2'-, Oxazolo-2'-, and Selenazolo-2'- pyridocyanines; L. Thiacyanines; 3. Nitrite Method; A. General; B. Indocyanines and Intermediate Compounds; C. Thiacyanines; D. Oxa- and Seleno-cyanines; 4. Alkyl- or Aryl-thio Method; A. General
B. 2,2'- and 2,4'-Cyanines
C. Thia-4'- and Oxa-4'-cyanines; D. Indo-2'-cyanines; E. Thia-2'- Oxa-2'-, and Seleno-2'-cyanines; F. Thiazolo-2'-, Thiazolino-2'- and Oxazolo-2'-cyanines; G. 2-Pyrido-2'- and 4-Pyrido-4'-cyanines; H. Oxa-2'-pyrido- and 2-Pyridothia-cyanines; I. 4,4'-Pyridocyanines; J. Thiazolo-2'- and Thiazolino-2'-pyridocyanines; K. Thia-, Oxa-, Oxathia- and Selenathia-cyanines; L. Indoxa- and Indothia-cyanines; M. Oxaoxazolo-, Oxathiamlo-, Oxazolothia-, and Thiathiazolo- cyanines; N. Oxazolo-, Thiazolo-, and Oxazolothiazolocyanines; 5. Condensations Depending on Reactive : N . R
A. General
B. Thia-2'-cyanines; C. Thiacyanines; 6. Other Methods; A. Use of Grignard Reagent for Thiacyanines; B. Use of Ethyl Malonate for Synthesising Thiacyanines; C. Disulphide Method for Thia-, Thia-2'-, Thia-4'-, 2-Pyridothia-, and Thiathiazolo-cyanines; D. Malonic Acid Method for 2,2'-, Thia-, Oxa-, and Thiazolo- cyanines; E. 4,4'-Cyanine by Cleavage of 4,4'-Carbocyanine with Lepidine Ethiodide; F. Thia-, Oxa-, and Seleno-cyanines by Reaction of a Quaternary Salt, Having a Methylthio-Group, with Acetic Anhydride; III . Methincyanines with Substituents on the Chain; A. General
B. 2,2'-Cyanines

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.