

Heterocyclic Compounds

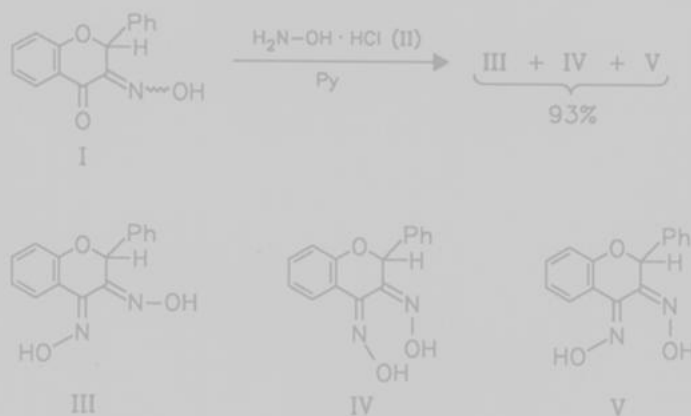
1990

Benzopyran Derivatives

R 0350

9004-164

Synthesis and Structure of Flavanone 3,4-Dioxime. — The reaction of the flavanone (I) with hydroxylamine (II) gives a mixture of three of the possible four isomers of flavanone dioxime, which are of interest as valuable ligands for transition metal ion coordination; the isomer ratio depends on time and temperature. — (MICHALSKA, M.; ŁUDCZAK-NOWAKOWSKA, J.; KOSTKA, K.; ZYNER, E.; Bull. Pol. Acad. Sci., Chem. 37 (1989) 1/2, 53—59; Inst. Chem., Pharm. Dep., Med. Acad., 90-151 Łódź; Eng.) — Kieslich

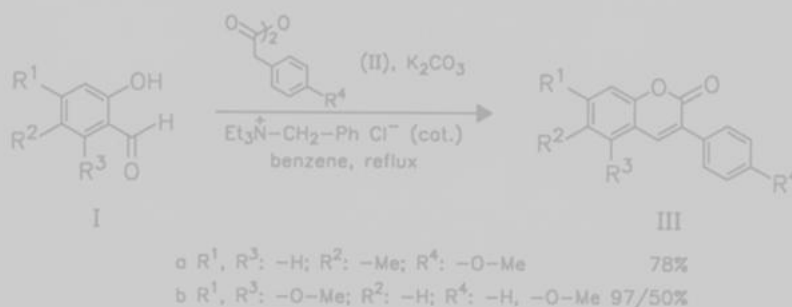


Benzopyran Derivatives

R 0350

9004-165

Phase Transfer Catalyzed Synthesis of 3-Phenylcoumarins [12 examples; yields predominantly > 85%]. — (MOHANTY, S.; MAKRANDI, J. K.; GROVER, S. K.; Indian J. Chem., Sect. B 28 (1989) 9, 766—767; Dep. Chem., Univ. Delhi, Delhi 110 007; Eng.) — Lehmann



Benzopyran Derivatives

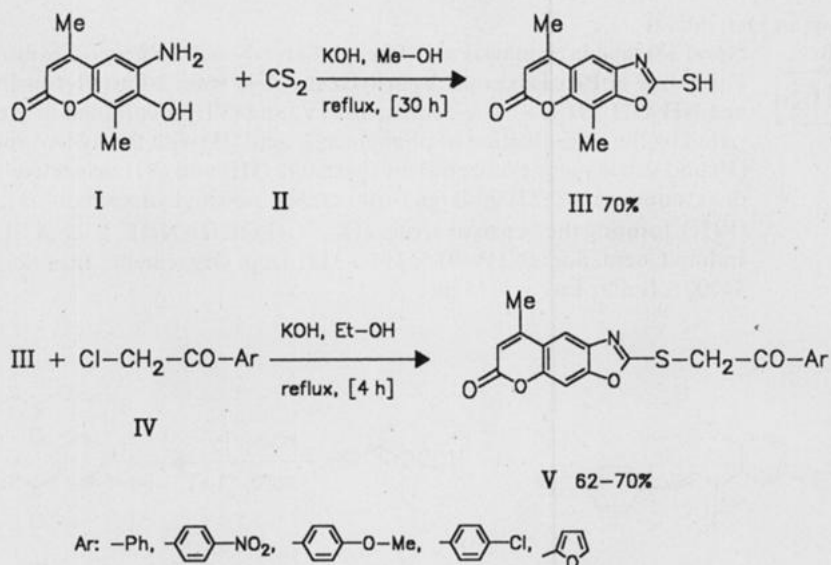
R 0350

9004-166

Mercaptocoumarinoxazoles. Part 5. Synthesis of 2-[[[(Aryl/Heteroaryl)carbonyl]methylthio]-4,8-dimethylpyrano[3,2-f]benzoxazol-6(H)-one Derivatives. — Reaction of the o-aminophenol (I) with carbon disulfide (II) in refluxing methanolic KOH affords the oxazolethiol (III) which is converted to the S-(aroylmethyl) derivatives (V). — (RAO, B. R.; MOULI, G. V. P. C.; REDDY*, Y. D.; RAO, V. R.; RAO, T. V. P.; J. Indian Chem. Soc. 66 (1989) 4, 248—249; Dep. Chem., Reg. Eng. Coll., Warangal-506004, India; Eng.) — Mais

1990

Heterocyclic Compounds



Benzopyran Derivatives

R 0350

9004-167

Synthesis of a New Series of Chromonylchalcones. — The enones (III) and (VI) are prepared by reaction of the chromonecarbaldehyde (I) with the acetophenones (II) or by coupling the acetylchromone (IV) with the benzaldehydes (V). — (SHANKAR, M. S. S.; REDDY, R. B.; MOULI, G. V. P. C.; REDDY*, Y. D.; J. Indian Chem. Soc. 66 (1989) 1, 30–31; Dep. Chem., Reg. Eng. Coll., Warangal-506004, India; Eng.) — Kaletta

