

Cyanothioacetamide and its Derivatives in Heterocyclic Synthesis: A New Route for the Synthesis of Several Pyridine and Thieno[2,3-b]pyridine Derivatives and their Biological Evaluation

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Z. Naturforsch. **54b**, 674–680 (1999); received November 9, 1998

Pyridines, Thieno[2,3-b]pyridines, Cyanothioacetamide, Thiocarboxamido-cinnamionitriles,
Michael Condensations

Several new pyridine and thieno[2,3-b]pyridine derivatives were synthesized *via* the reactions of some pyridinethiones, obtained by the action of acetylacetone on some thiocarboxamidocinnamionitriles, with halogenated esters and ketones. Structures were established based on elemental and spectral data. All the synthesized compounds were tested for their biological activity.

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