

A Convenient Synthetic Approach to Derivatives of 5-Phenylsulfonyl-2-Thiouracil and Its Condensed Analogs

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Abstract—3-Amino-2-phenylsulfonylacrylonitrile, an available multicenter reagent, when treated successively with phenyl, ethyl, or allyl isothiocyanate and hydrochloric acid forms N³-substituted 5-phenylsulfonyl-thiouracils. Some of them were found to be suitable starting materials for preparing of thiazoline and thiodiazolidine structures fused with the 4-pyrimidone system.

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