Synthesis and Transformations of Ethyl 3-Formyl-1H-indole-2-carboxylate. Preparation of Aplysinopsin and β -Carboline Thiohydantoin Analogues*

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Various aplysinopsin and β -carboline thiohydantoin analogues were prepared starting from ethyl 3-formyl-1H-indole-2-carboxylate by condensation with the active methylene group of 2-thiohydantoin, rhodanine, or thiobarbituric acid derivatives.

Key words: Aplysinopsin Analogues, β-Carbolines, Thiohydantoins