

Synthesis of new derivative of 2-[2-(1H-indol-1-yl)ethyl]-6-phenyl-4,5-dihydropyridazin-3(2H)-one

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Abstract. Pyridazinone hold considerable interest relative to the preparation of organic intermediates and physiologically active compounds (21-25). Various structural modifications were carried out in pyridazinone ring system. These structural changes resulted in some fruitful biological activities of the compounds. In conclusion, we have developed a simple and efficient method for the synthesis of pyridazinones containing compounds. We also believe that the procedural simplicity, the efficiency and the easy accessibility of the reaction partners gives access to a wide array of heterocyclic frameworks equipped with a pendant pyridazinone unit. Various compounds of this group are presently under investigation.

Keywords: Pyridazinone, heterocyclic, physiologically active
