Synthesis and Hydrolysis of N-m and p-vinylbenzylidene 1,2,4-triazole with Various Biological Activities

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Research in pharmaceutical chemistry over the past decade has focused primarily on the synthesis of new chemical compounds that lead to therapeutic support systems which can provide hydrolyzable physico-chemical variables, with better performance release [1].

For our part we set compounds with diverse biological and pharmacological activities [2-3] such as 4-amino-4H-1,2,4-triazole on vinylbenzaldehyde p-(p-VBA) and m-vinylbenzaldehyde (m-VBA) (fig.1).

The study of the hydrolysis of these new compounds was followed by UV spectroscopy in different pH at 25 °C [4-5].

Fig. 1

REFERENCES