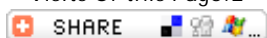




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## Research Details :

Research Title	: <u><i>Synthesis and biological activity of new pyrazolines and pyrazoles</i></u> <u><i>Synthesis and biological activity of new pyrazolines and pyrazoles</i></u>
Descriptipn	: Condensation of p-sulfamylphenylhydrazine with chalcones, leads either to hydrazones 2 or to pyrazolines 3. Oxidation of 3 afforded pyrazole derivatives 4. Benzenesulfonylureas 5 and thioureas 6 were also prepared. Cyclization of the thioureido group of compounds 6 by treating with ethyl bromoacetate, ethyl beta-bromopropionate and alpha-bromoacetophenone afforded the corresponding thiazolidinone, thiazinone and thiazoline derivatives 7, 8, 9 respectively, The biological activity of the prepared compounds were also studied.
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