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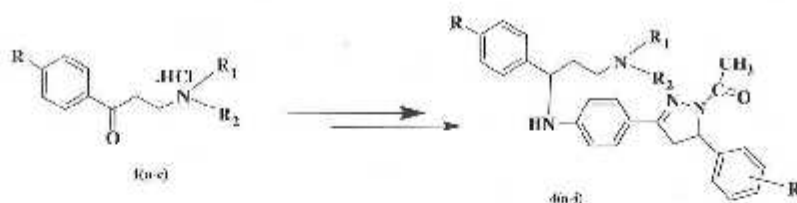
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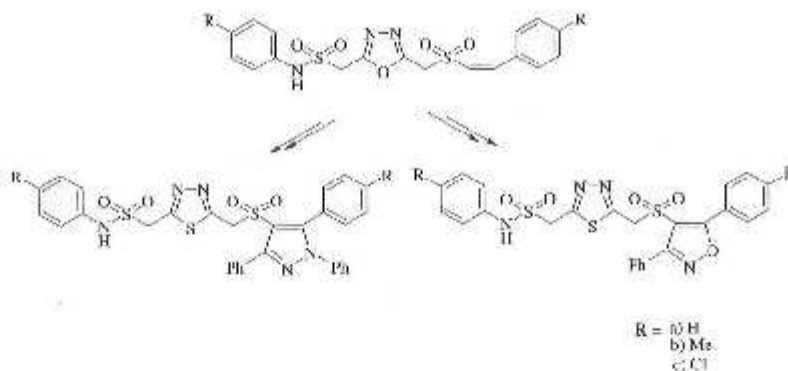
- 317 **Synthesis, characterization and *in vitro* antimicrobial activity of some novel 4,5-dihydro-1H-pyrazolines derivatives** Synthesis of novel pyrazoline derivatives have been reported along with their antimicrobial activity



Anil Kumar Tiwari, Shaheen Fatma, Abha Bishnoi*, Anurita Srivastava, Chandra Kant M Tripathi & Bikram Banerjee

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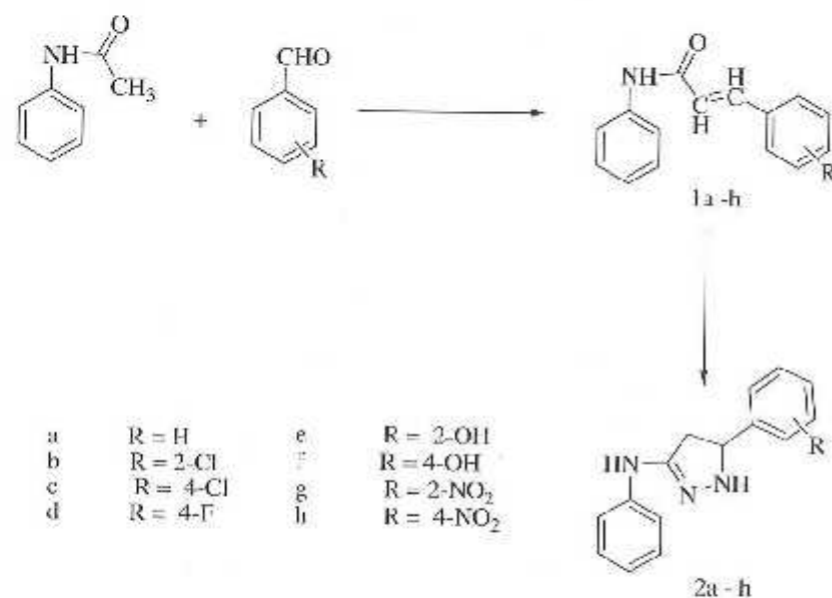
- 325 **Synthesis and antioxidant activity of styryl-1,3,4-thiadiazoles, pyrazolyl-1,3,4-thiadiazoles and isoxazolyl-1,3,4-thiadiazoles** A new series of sulfonamido methyl linked styryl sulfonyl methyl-1,3,4-thiadiazoles, pyrazolyl and isoxazolyl 1,3,4-thiadiazoles have been synthesized from the synthetic intermediate 2-(arylamino sulfonyl methyl)-5-(Z-(styrylsulfonyl methyl))-1,3,4-oxadiazole and their antioxidant activity studied. Amongst all the compounds 2-(*p*-methyl-phenyl)-aminosulfonyl methyl)-5-((3-phenyl-5'-(*p*-methyl-phenyl)isoxazol-4'-ylsulfonyl)methyl)-1,3,4-thiadiazole **6b** exhibits promising antioxidant activity.



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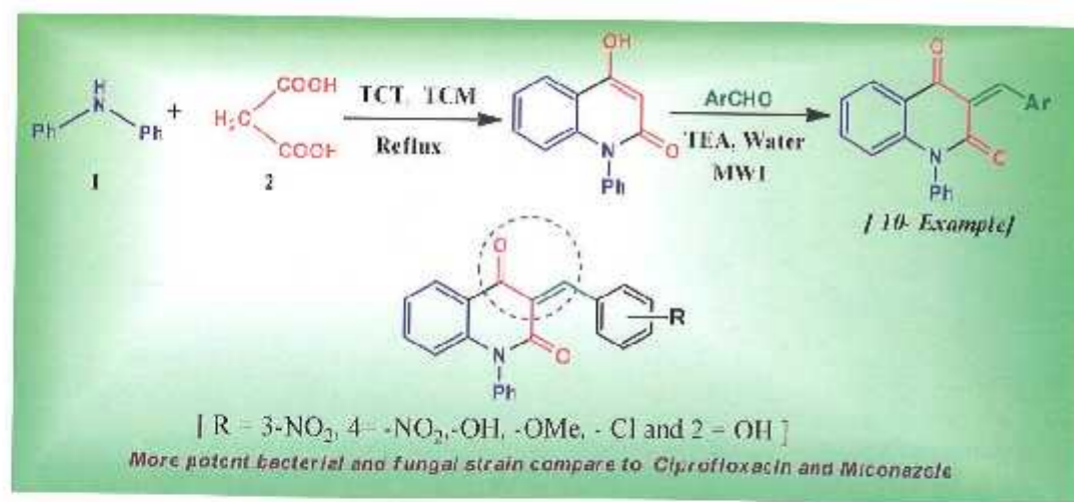
- 334 **Microwave assisted synthesis of some novel pyrazoline derivatives as potential antifungal agents** Different acrylamides and pyrazolines have been synthesized using microwave irradiation method and screened for antifungal activity against fungi *Drechslera maydis* and *Rhizoctonia solani*.



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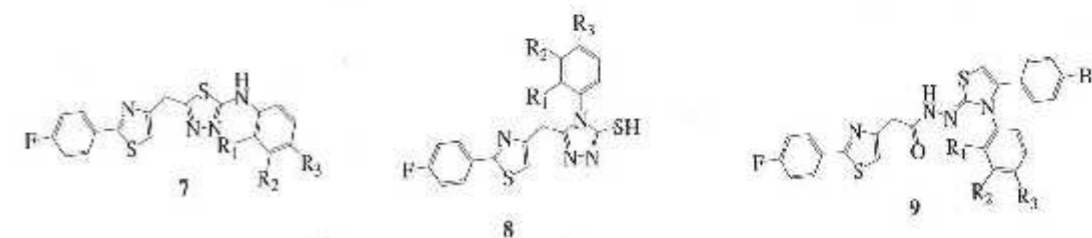
- 341 **An efficient synthesis and antimicrobial activity of 3-benzylidene-1-phenylquinoline-2,4(1H,3H)-diones**



S A Jadhav, J N Sangshetty, R K Pardeshi* & D B Shinde

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- 348 **Synthesis and characterization of novel fluorinated thiazolyl thiosemicarbazide, 1,3,4-thiazolyl 1,3,4-thiadiazoles, 1,2,4-triazoles and 1,3-thiazoles by conventional and non-conventional methods** A series of novel fluorinated thiazolyl thiosemicarbazide, 1,3,4-thiadiazoles, 1,2,4-triazoles have been synthesized by using conventional and non-conventional methods. Also 1,3-thiazoles have been synthesized from thiosemicarbazide by using conventional method. The structures of synthesized compounds have been confirmed with the help of spectroscopic techniques.

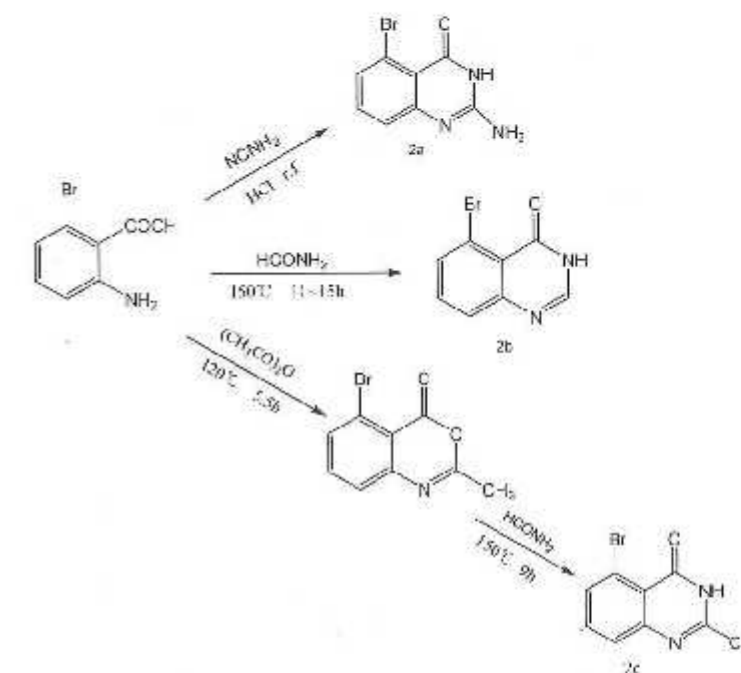


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Notes

- 356 **Synthesis of 5-bromo-2-substituted-4(3H)-quinazolinone**



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