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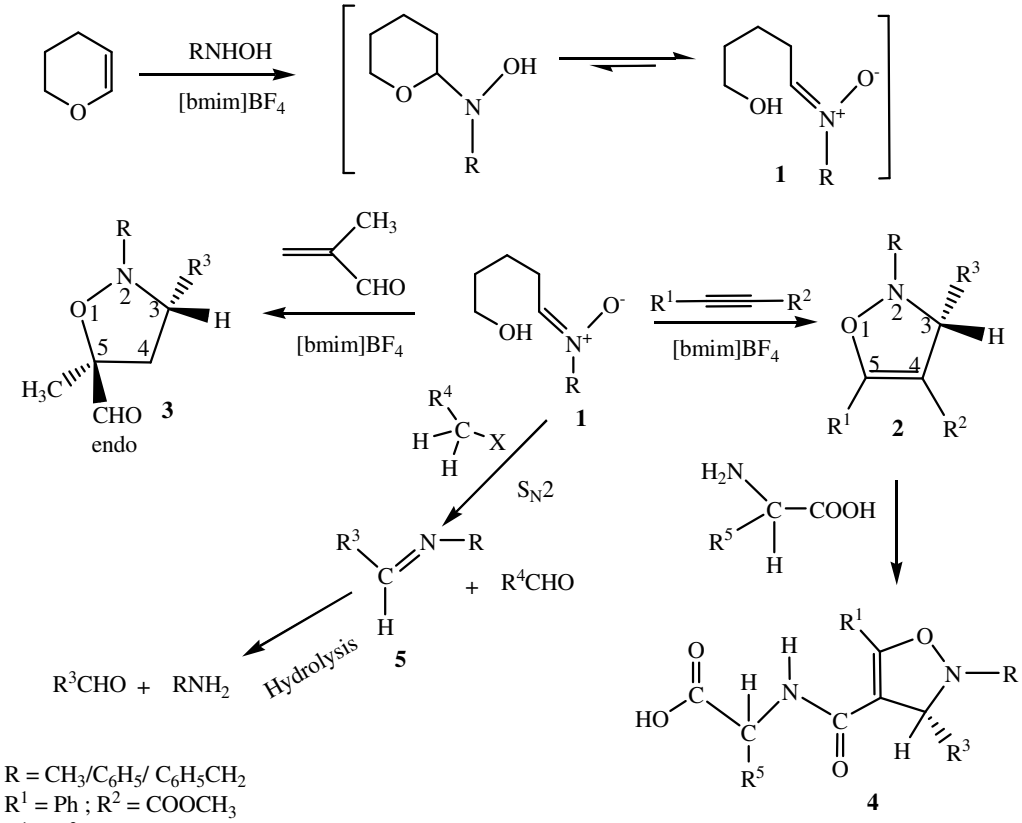


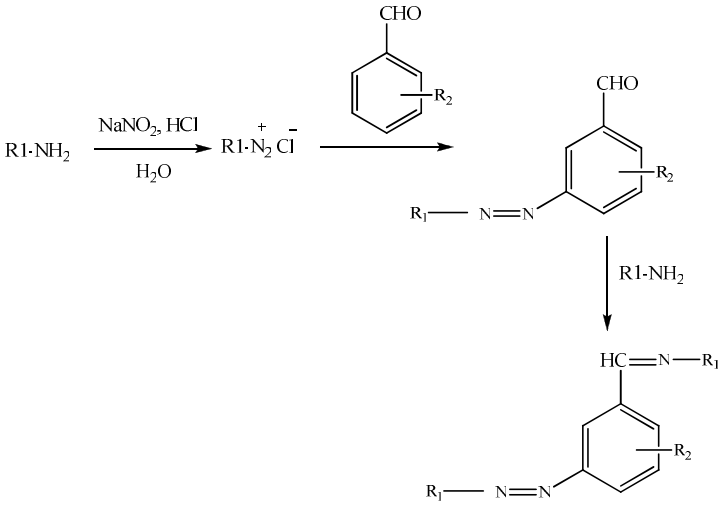
R = CH_3/C_6H_5/ $C_6H_5CH_2$
R^1 = Ph ; R^2 = $COOCH_3$
R^1 = R^2 = $COOCH_3$
R^1 = R^2 = COOH
R^3 = -$(CH_2)_4OH$
R^4 = Et ; Ph etc
X = Cl/Br/I

Bhaskar Chakraborty*, Amalesh Samanta, Chiran Devi Sharma & Nasima Khatun

Organic Chemistry Laboratory, Sikkim Government College, Gangtok 737 102, India

227 **Synthesis, antibacterial and antifungal activities of some new azo anils containing pyrazole moiety**

A series of new azo anils containing pyrazole moiety has been synthesized using conventional and microwave irradiation methods and are screened for microbial activity against some bacteria and fungi.



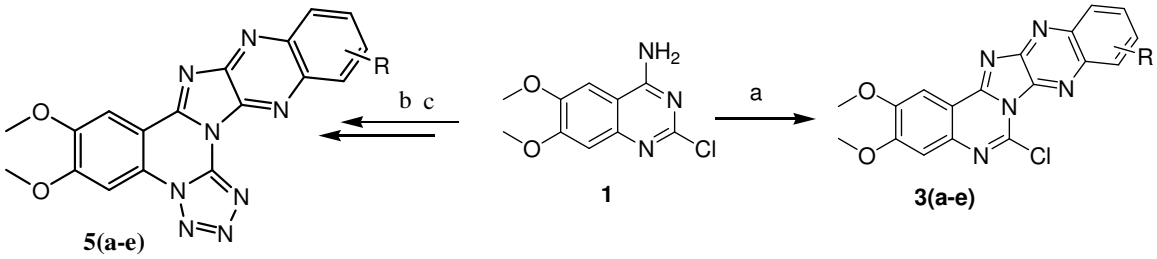
S Sharma*, Jasvir Kaur, Sandeep Kaur & Poonam Sharma

Department of Plant Breeding & Genetics, Punjab Agricultural University, Ludhiana 141 004, India

Notes

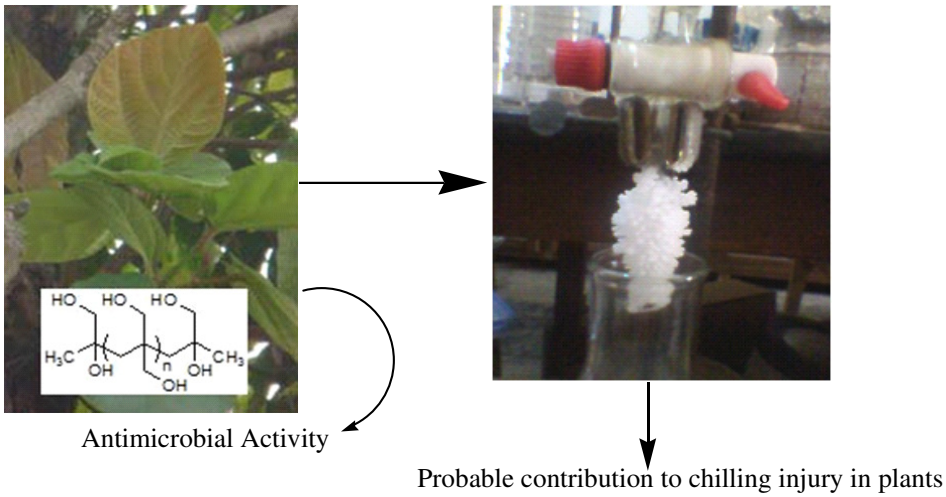
238 **Synthesis of some new tetrazolo[1,5-*a*]quinazolino-[2,3-*c*] imidazo[4,5-*b*]quinoxaline derivatives as antimicrobial agents**

Treatment of 6,7-dimethoxy-2-chloroquinazolin-4-amine **1** and 7,8-dimethoxy tetrazolo-[1,15-*a*]-quinazolin-5-ylamine **4** with 2,3-dichloroquinoxaline **2a-e** in glacial acetic acid /DMF afford corresponding substituted 6,7-dimethoxy-2-chloroquinazolin [3,4-c]-imidazo-[4,5-*b*]-quinoxalines **3a-e** and 7,8-dimethoxy tetrazolo[1,5-*a*] quinazolin[2,3-*c*]-imidazo[4,5-*b*]quninoxalines **5a-e**. The synthesized compounds have been evaluated for their antibacterial and antifungal activity.



Srinivas B, Prasanna B* & Ravinder M

Research Center, Department of Chemistry, Chaitanya Post Graduate College (Autonomous), Hanamkonda, Warangal 506 001, India



Sujata D Wangkheirakpam, Wangkheirakpam Radhapiyari Devi, Chingakham B Singh, Dini Ahanthem & Warjeet S Laitonjam*

Chemistry Department, Manipur University, Canchipur 795 003, India

Authors for correspondence are indicated by (*)