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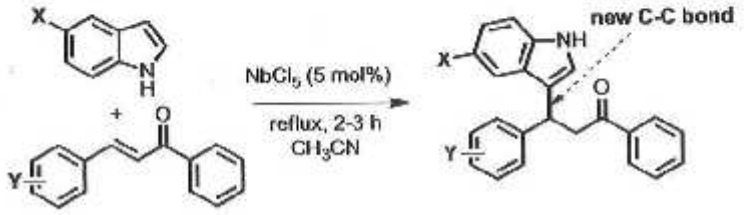

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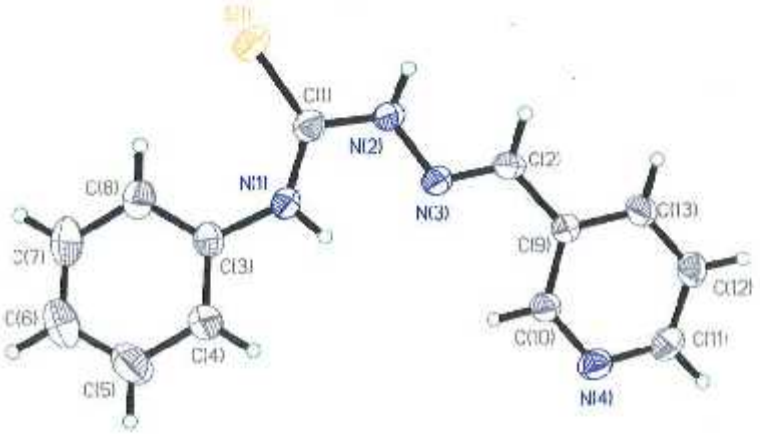

Pu Su Zhao*, Hong Yan Wang, Xiao Jun Sun & Jie Song

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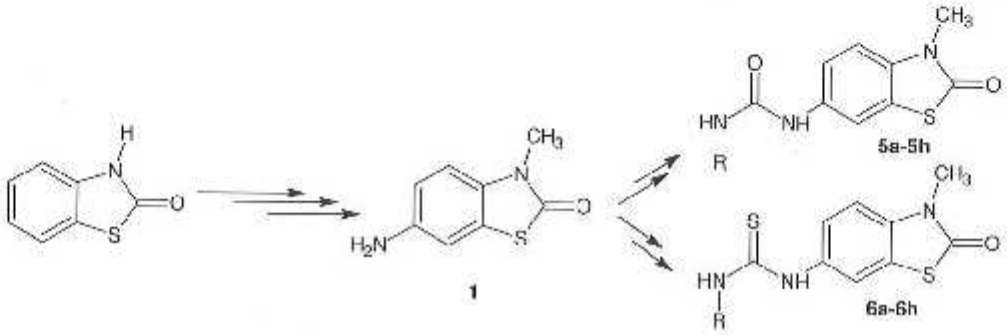
253 **Studies on the synthesis of 3-methyl-6-(substituted-urea/-thoourea)-2(3*H*)-benzothiazlone derivatives and antimicrobial activities**

Some 3-methyl-6-(substituted-urea)-2(3*H*)-benzothiazolone derivatives **5a-h** and 3-methyl-6-(substituted-thiourea)-2(3*H*)-benzothiazolone derivatives **6a-h** have been synthesised from **1**. Antimicrobial and antitubercular activities of the compounds are examined.



Ayşe Sibel Unal, Fatma Kaynak Onurdag, Selda Ozgen, Deniz Dogruer & Tijen Onkol*

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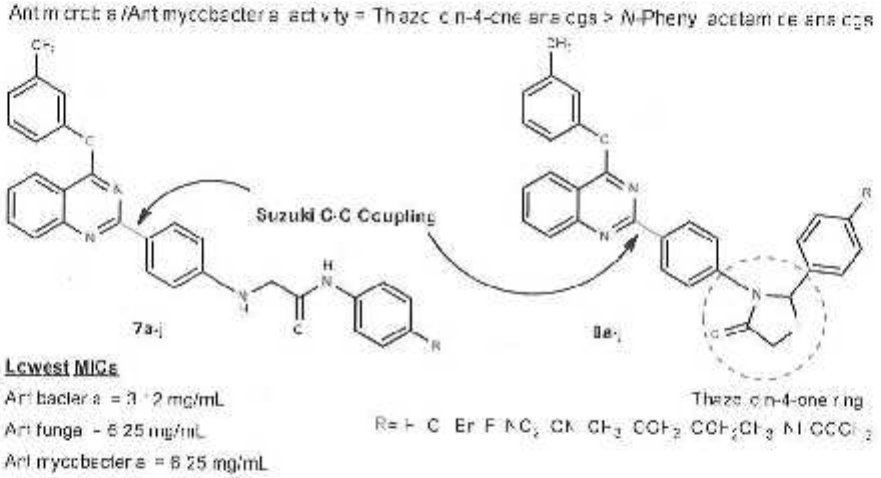
260 **Exploring antimicrobial and antimycobacterial potential of novel quinazoline based thiazolidin-4-ones**

Thiazolidin-4-one and *N*-phenyl acetamide based quinazoline derivatives have been synthesized using an efficient palladium-catalyzed C–C Suzuki coupling. The synthesized analogs have been screened for *in vitro* bioactivities. Some analogs have shown remarkable antimicrobial (MICs: 3.12-25 μg/mL) and antimycobacterial activity (MICs: 6.25-25 μg/mL).



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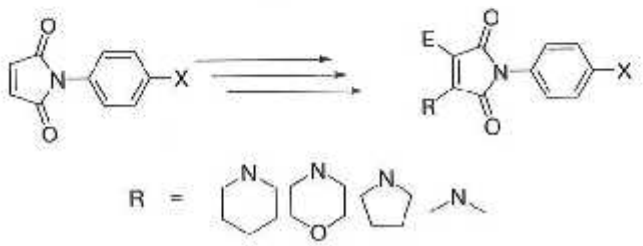

E = Br, CHO, SO_2Cl, CH_2Ph, COAr
X = H/Cl/Me

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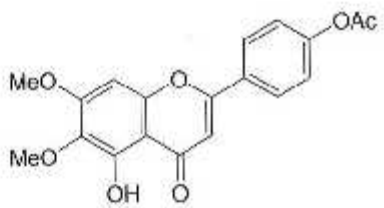

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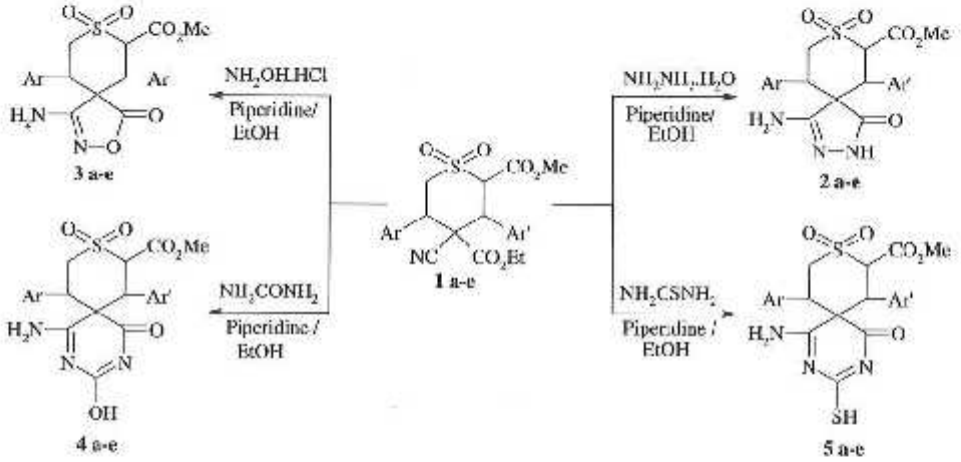

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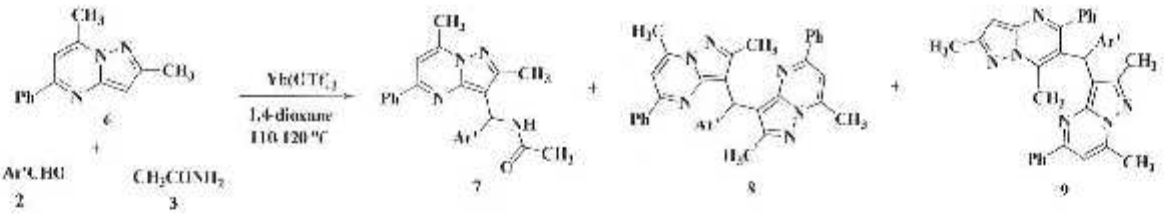

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