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Sect. B: Organic Chemistry including Medicinal Chemistry

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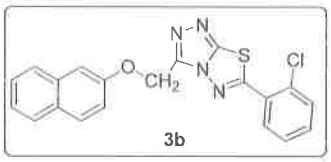
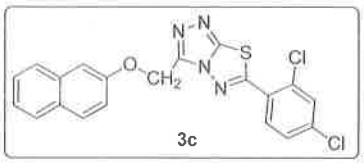
Papers

1177 **Synthesis of some new condensed heterocyclic 6-substituted-1,2,4-triazolo[3,4-b]-1,3,4-thiadiazole derivatives of 2-naphthoxyacetic acid as potent anti-inflammatory agents with reduced ulcerogenicity**

A new series of triazolothiadiazole derivatives have been synthesized and evaluated for their anti-inflammatory activity. Compounds **3b** and **3c** show more anti-inflammatory activity in comparison to standard drug naproxen with reduced GI toxicity due to replacement of free carboxylic group.



3b

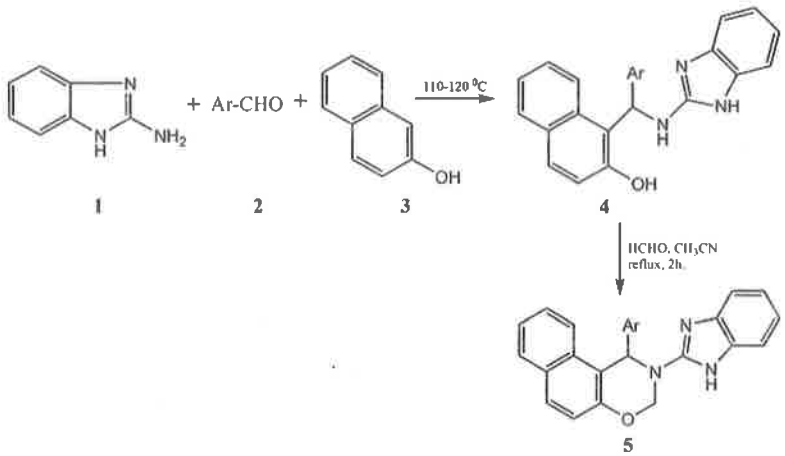


3c

Mohd Amir*, Md Wasim Akhter & S Ehtaishamul Haq

Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Hamdard University, New Delhi 110 062, India

1185 **Synthesis and antimicrobial activity of naphtho-[1,2-*e*][1,3]oxazines linked benzimidazole**



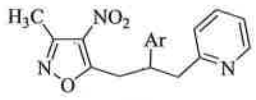
1 2 3 4

5

B Kishore, G Prasoona & G Brahmeshwari*

Department of Chemistry, Kakatiya University, Warangal 506 009, India

1193 **PEG-400 mediated and promoted eco-friendly one-pot synthesis of isoxazolyl pyridines, quinolines and 3-hydroxy-2-oxoindoles through sp^3 C-H bond functionalization of methyl aza-arenes**



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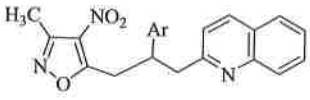

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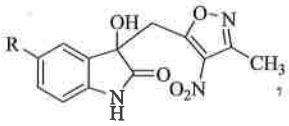


(8)

D Nagaraju, B Kishore, K Thirupathaiah & E Rajanarendar*

Department of Chemistry, Kakatiya University, Warangal 506 009, India

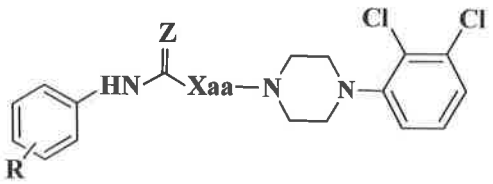
1200 **Pharmacophore modeling and 3D-QSAR studies of 15-hydroxyprostaglandin dehydrogenase (15-PGDH) inhibitors**

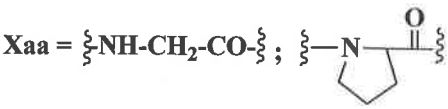
Belal O Al-Najjar*, Ashok K Shakya, Fadi G Saqallah & Rana Said

Faculty of Pharmacy and Medical Sciences, Al-Ahliyya Amman University, PO BOX 263, Amman 19328, Jordan

1207 **Urea/thiourea derivatives of Gly/Pro conjugated 2,3-dichlorophenyl piperazine as potent anti-inflammatory agents: SAR studies**

This article reports the synthesis and anti-inflammatory activity of the ureido and thioureido derivatives of Gly/Pro conjugated heterocycle.



where, Xaa = 

(1a-1o) (2a-2o)

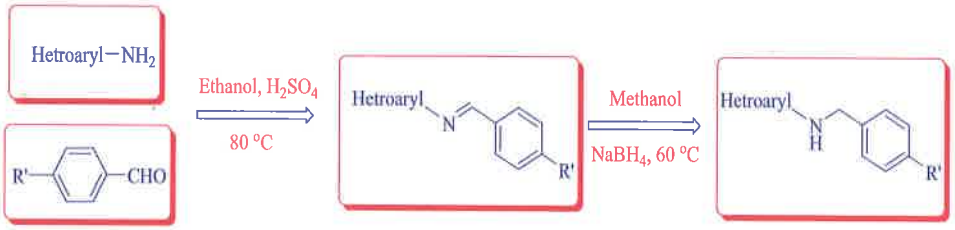
R = H, F, Cl, Br
Z = O/S

D M Suyoga Vardhan, H K Kumara, M B Sridhara & D Channe Gowda*

Department of Studies in Chemistry, University of Mysore, Manasagangotri, Mysore 570 006, India

1212 **Synthesis and biological evaluation of novel thiazole and thiadiazole based secondary amines as antibacterial agents**

N-(4-Substitutedbenzyl)-2-amino-4-aryl thiazoles/*N*-(4-substituted benzyl)-2-amino-5-aryl-1,3,4-thiadia-zoles are synthesized and evaluated for *in vitro* antibacterial activity against both Gram-Positive and Gram-Negative bacteria.



Seema Sahi & Satya Paul*

Department of Chemistry, University of Jammu, Jammu 180 006, India

Authors for correspondence are indicated by (*)