8. REFERENCES

- Al-Omar MA. Synthesis and antimicrobial activity of new 5-(2-thienyl)-1,2,4-triazoles and 5-(2-thienyl)-1,3,4-oxadiazoles and related derivatives. Molecules. 2010;15:502-514.


• Ausaf A, Husain A, Ajmal M, Ahuja P. Fenbufen based 3-[5-(substituted aryl)-1,3,4-oxadiazoled-2-yl]-1-(biphenyl-4-yl)propan-1-ones as safer anti-inflammatory and analgesic agents. Eur J Med Chem. 2009;44:3798-3804.


• Bennett PN and Brown MJ. Clinical pharmacology, 10th ed. Churchill Livingstone, New York; 2009.


Carol P. Essentials of pathophysiology: concepts of altered health states, Hagerstown, Lippincott Williams & Wilkins; 2007.


Carter SJ. Basics of Microbiology, Cooper and Gunn’s Tutorial Pharmacy. 6th ed. CBS Publishers and Distributors; 2005.


- Desai NC, Bhavsar AM, Shah MD, Saxena A. Synthesis and QSAR studies of thiosemicarbazide,1,2,4-triazole, 1,3,4-thiadiazole derivatives as potential antibacterial agents, Indian J Chem. 2008;47:579-589.
References

- European commission health & consumer protection directorate-general Directorate E-Food Safety: plant health, animal health and welfare, international questions E1-Plant health, Oxadiargyl; 2002.
- Franski R. Biological activities of the compounds bearing 1,3,4-oxathia(dia)zole ring. Asian J Chem. 2005;17:2063-2075.


• http://proteopedia.org/wiki/index.php/1g2a

• http://proteopedia.org/wiki/index.php/1jxa

• http://www.proteopedia.org/wiki/index.php/1cx2


• Husain A, Sarafroz M, Ahuja P. 2-[3-(4-Chloro/ethyl phenyl)propan-3-one]-5-(substituted phenyl)-1,3,4-oxadiazoles: synthesis and biological evaluation. Acta Pol Pharm. 2008;65:527-534.


References

- Inderba Indian drugs (Indian Drugs manufacturing association 102B Poonam chambers, Dr. A. B. Rd., Worli, Bombay, India). 1982;19:301.
- Jeffrey and George A. An introduction to hydrogen bonding, Oxford University Press; 1997.
References

- Kamble RR and Sudha BS. Synthesis and pharmacological screening 5-methyl-3-[p-(6'-aryl-2'-thioxo-1',2',5',6'-tetrahydropyrimidin-4'-yl)-phenyl]-3h-2-oxo-δ^4-1,3,4-oxadiazole, Indian J Pharm Sci. 2006;68:249-253.
- Khan MS and Husain A. Syntheses and reactions of some new 2-arylidene-4-(biphenyl-4-yI)-but-3-en-4-olides with a study of their biological activity. Pharmazie. 2002;57:448-452.


• Levine JD and Taiwo YO. Involvement of the mu-opiate receptor in peripheral analgesia. Neuroscience. 1984;32:571-575.


• Lindner M, Sippl W, Radwan AA. Pharmacophore elucidation and molecular docking studies on 5-phenyl-1-(3-pyridyl)-1h-1,2,4-triazole-3-carboxylic acid derivatives as COX-2 inhibitors. Sci Pharm. 2010;78:195-214.

References


• Martin YC, Kofron JL, Traphagen LM. Do structurally similar molecules have similar biological activity?. J Med Chem; 2002; 45:4350-4358.


• Mayekar AN. Synthesis and antimicrobial studies on new substituted 1,3,4-oxadiazole derivatives bearing 6-bromonaphthalene moiety. Int J Chem. 2010;2:38-54.


• Misra U, Hitkari A, Saxena AK, Gurtu S, Shanker K. Biologically active indolylmethyl-1,3,4-oxadiazoles, 1,3,4-thiadiazoles, 4H-1,3,4-triazoles and 1,2,4-triazines. Eur J Med Chem. 1996;31:629-634.

• Mohammed IA, Subrahmanyam EV, Hareesh AR, Kowti R. Synthesis, antimicrobial studies of some Schiff bases and novel 5-aryl (8-
References


Pasero C, Paice J, McCaffery M. Basic mechanisms underlying the causes and effects of pain. 2nd ed. St. Louis, MO: Mosby; 1999.


References

- Shaban MA, Nasr AZ, El-Badry SM. Synthesis and biological activities of some 1,3,4-oxadiazoles and bis(1,3,4-oxadiazoles). J Islam Acad Sci. 1991;4:184-191.


• Taiwo YO and Levine JD. Prostaglandin effects after elimination of indirect hyperalgesic mechanisms in the skin of the rat, Brain Res. 1989;492:397-399.


• Testa B and Jenner P. Drug metabolism, chemical and biochemical aspect, Marcel Dekker inc., New York; 1976.


• Thomas W. Shattuck, Colby college molecular mechanics tutorial. Introduction. Chemical Computing Group, Canada; 2008


• Vander D, Tsai WA, Kulmacz AL. The cyclooxygenase reaction mechanism, Biochem. 2002;41:15451-15458.


