

Biologically Active Pyridazines and Pyridazinone Derivatives: A Scaffold for the Highly Functionalized Compounds

Mohd Imran^a and Mohammad Asif^{b,1}

¹ E-mail: aasif321@gmail.com

^aDepartment of Pharmaceutical Chemistry, Faculty of Pharmacy, Northern Border University, Rafha 91911, PO Box 840, Saudi Arabia;

^bDepartment of Pharmacy, Himalayan Institute of Pharmacy and Research, Dehradun, (Uttarakhand), 248007, India

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Abstract—Pyridazine and pyridazinone are heterocycles that contain two adjacent nitrogen atoms and shown wide range of pharmacological activities such as antimicrobial, antidepressant, anti-hypertensive, anticancer, antiplatelet, antiulcer, herbicidal, antifeedant and various other anticipated biological activities. Pyridazine ring are present in some commercially available drugs and agrochemicals. Pyridazine based systems have been shown to have numerous practical applications.

Keywords: *pyridazine, pyridazinone, biological activities, heterocyclic compounds*

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