

PLANTS AS A SOURCE OF DIURETIC ACTIVITY AND STUDY OF 3-(6-ARYLIMIDAZO[2,1-B]THIAZOL-3-YL)-2-METHYLCHROMONE SYSTEM AS DIURETIC AGENT

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Abstract: Diuretic agents increase urine volume and are effective in heart failure , renal failure and maintain Na⁺ ion balance. They are also effective in hypertension and nephrosis. Though plants possess diuretic activity , but their delayed action needs to use quickly acting agents . In this paper study on 3-(6-Arylimidazo[2,1-b]thiazol-3-yl)-2-methylchromones as diuretic agents is being discussed . Lead for diuretic activity has been found in this system .

Keywords: Diuretic activity, Chromones, Lead, Structure activity relationship (SAR)

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