SHORT COMMUNICATION

STUDY ON STRUCTURE ACTIVITY RELATIONSHIP OF SOME 3- OR 6-(2-AMINO OR N- SUBSTITUTED AMINOTHIAZOL-4-YL)-2-METHYLCHROMONES

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Abstract: Medicinal plants are important source of diuretics. But, significance of synthetic drugs in emergency cannot be denied as they have quick and remedial action in hypertension, heart failure, renal failure, nephrosis etc. Thus synthetic diuretics are important. Therefore, present study is carried out on structure activity relationship of 3- or 6-(2-Amino or N-substituted aminothiazol-4-yl)-2-methylchromones to find new and useful diuretic drugs. Compounds VPS-1 to VPS-6 were tested and found to posses diuretic activity.

Keywords: Diuretic activity; 3- or 6 -(2-Amino or N- substituted aminothiazol-4-yl)-2-methylchromones; 3-[2-(3,5-disubstituted -1H-pyrazol-1-yl)-4-thiazolyl]-2-methylchromones

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