



STUDY OF IN VITRO HYPOGLYCEMIC AND GLUCOSE UPTAKE ACTIVITY OF ISOLATED COMPOUND FROM ZANTHOXYLUM RHETSA LINN

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Natural bioactive compounds have a long history to use effectively in the treatment of Diabetes Mellitus and its complications. *Zanthoxylumrhetsa* Linn belongs to the family Rutaceae have been used for the treatment of various ailments like weight obesity, immunomodulators. The present work was undertaken to study the effect of an isolated bioactive compound from the of *Zanthoxylumrhetsa* Linn on glucose uptake in cell lines like 3T3-L1 cell lines and inhibition of alpha-glucosidase and alpha-amylase enzymes.



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