

Biological potential of tricetin on diabetes disease: An Pharmacological approaches in the medicine through scientific data analysis

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Background: Medicinal plants based phytodrugs have been used in the medicine. For the development of effective mode of treatment of numerous human health complications, plants based drugs are always used in the medicine and other allied health sectors. A large number of the population of the world still uses herbal based medicinal preparation for their primary health as drugs.

Methods: Scientific data has been collected and analyzed in the present work to investigate the biological importance and therapeutic benefit of tricetin in the medicine. All the literature data has been collected and analyzed in the present work to know the biological importance of tricetin on diabetes disease and associated complication. However other pharmacological activities were also correlated with their medicinal importance in the medicine.

Results: Medicinal importance and therapeutic benefit of tricetin in the medicine has been investigated in the present work through literature data analysis of current scientific research work. Literature data analysis revealed the biological potential of tricetin on diabetes disease as tricetin exhibited significant α -glucosidase inhibitory activity compared to the other natural component. Further in some other literature data tricetin facilitated triacylglycerol accumulation in the cells.

References: Wang N, Zhu F, Shen M, Qiu L, Tang M, Xia H, et al. Network pharmacology-based analysis on bioactive anti-diabetic compounds in *Potentilla discolor bunge*. *J Ethnopharmacol* 2019;241:111905.
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Conclusion: Literature data analysis revealed the biological potential of tricetin on diabetes disease and associated complications.

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