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**Biological potential and therapeutic benefit of tricetin on atherosclerosis:  
Role of scientific data analysis in the medicine**

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**Objectives:** Traditional medicines have been used in the history for the maintenance of health, prevention, diagnosis, improvement and treatment of human disorders. Human being has been using different types of herbal medicine s different types of natural products for the treatment of numerous human disorders.

**Methods:** Numerous scientific databases has been searched and analyzed in the present investigation to know the health beneficial aspects of tricetin in the medicine. Biological potential and therapeutic benefit of tricetin on atherosclerosis has been investigated through literature data analysis of various scientific research works. Pharmacological activities have been also investigated in the present investigation with some other medicinal application.

**Results:** Literature data analysis of different scientific research works revealed the biological importance of tricetin in the medicine. Literature data analysis revealed the biological potential and therapeutic benefit of tricetin on atherosclerosis as tricetin suppressed oxidized low-density lipoprotein (ox-LDL)-induced expression of pro-inflammatory monocyte chemotactic protein-1 (MCP-1) and interleukin-1 $\beta$  (IL-1 $\beta$ ) which signified their effectiveness against atherosclerosis.

**Conclusions:** Literature data analysis revealed the biological potential and therapeutic benefit of tricetin on atherosclerosis.