

## *Solanum torvum*- A review on its Biological Activities †

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**Abstract:** *Solanum torvum* is an important medicinal plant belonging to the family Solanaceae and is commonly known as Turkey berry. Due to its high pharmacological effects, this plant has been traditionally used to treat cough and liver diseases. It is used to reduce body heat and strengthen body immunity to treat asthma, diabetes, and hypertension. The phytochemical profiling of this plant in various studies showed various secondary metabolites like alkaloids, flavonoids, saponins, tannins, and glycosides, steroids, terpenoids. Numerous scientific investigations were done on this plant, which revealed the potential activities of the leaves, fruit, and aerial part of the plant. Studies on this plant revealed the antimicrobial, antiviral, immuno-secretory, antiulcer, antioxidant, analgesic and anti-inflammatory, cardiovascular and anti-platelet aggregation activities of *S. torvum*. The presence of the phytochemicals might be the underlying mechanism behind the potent activities of the plant, which made this plant a traditional medicine for various ailments. This review was aimed to focus attention on the various biological properties of the plant.

**Keywords:** *Solanum torvum*; phytochemical; antimicrobial; phytochemical.

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