

# Investigating the Phytochemical Constituents and Pharmacological Properties of *Annona Squamosa* Linn: A Comprehensive Analysis

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**Abstract:** *An effort has been made to compile the analysis of many pharmacological and phytochemical research conducted on Annona squamosa Linn in the current review. Since the dawn of human civilization, medicinal plants and their concoctions have been utilized to cure a wide range of illnesses. The characteristic of the growing family of derivatives of long chain fatty acids was the annonaceous acetogenins. Only species in the annonacea family have this trait. Due to their potential anticancer and antibacterial efficacy and minimal negative effects on human health, these chemicals are in great demand. In an attempt to further our understanding of Annona squamosa Linn's potential medicinal advantages, this review synthesizes data on the plant's phytochemicals, folklore uses, and bioactivities. It is based on many investigations on the plant.*

**Keywords:** Annona squamosa, Phytochemical constituents.

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