

# Phyllanthus Niruri - A Comprehensive Review of its Phytochemistry, Pharmacological Properties, And Therapeutic Applicaton

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**Abstract:** *Antimicrobial, hepatoprotective, and renoprotective properties. Advanced extraction methods have improved the yield of its active compounds. Mechanistically, it works by reducing oxidative stress, regulating inflammation, and protecting cells from damage. Although preclinical results are promising, clinical studies are still limited. Early trials indicate potential benefits in managing hepatitis B and kidney stones, but further research is needed to confirm efficacy, optimal dosage, and long-term safety. The review highlights P. niruri as a promising natural therapeutic agent that warrants more clinical investigation.*

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