

# Review of: "Unravelling the Phytochemical and Pharmacognosy Contour of Traditional Medicinal Plant: Pterocarpus Marsupium Roxb"

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Potential competing interests: No potential competing interests to declare.

Authors in the present review on *Pterocarpus marsupium* Roxb try to attempt to summarize its phytoconstituents and its pharmacological activities such as antidiabetic, antioxidant, antibacterial, antimicrobial, anticancer, anti-inflammatory, memory-enhancing activity, hepatoprotective, and antihyperlipidaemic activity. Shortly, further investigational studies are needed to isolate and characterize the bioactive compounds present as lead molecules in drug discovery research.

- There is no clear-cut dateline in this review, if authors try to summarize complete information of *Pterocarpus marsupium* Roxb then this review contains incomplete information. No thorough literature survey has been done on this plant by the authors. In the introduction section, almost every plant part is reported for its biological activity except the root (<https://doi.org/10.1515/znc-1988-3-406>).
- Authors should highlight the future perspective in detail on this plant and how it can contribute to drug discovery from crude extract to medicine (drug).
- Authors just try to summarise published literature, there is no critical analysis of the findings. It should be a synthesized review not just a collection of information.
- The reviewer recommends the use of professional language editing services to improve the readability of the manuscript and careful proofreading for the appropriate use of formal language.
- In the phytoconstituent section, what is the meaning of primary phytoconstituents?
- The authors need to work on structures in Table 1. The structure size is not the same and the bond width varies in all structures. I think structures are copied and pasted.
- In my opinion, this review is just a collection of information on *Pterocarpus marsupium* Roxb there is no critical analysis of conducted studies if the authors want to improve it so I am happy to review again.