

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.

What are the major phytoconstituents found in *Pterocarpus marsupium* Roxb? Add some more compounds to table 1.

Can you elaborate on the types and quantities of alkaloids present in the plant? Elaborate in the revised manuscript.

How does *Pterocarpus marsupium* exhibit its anti-diabetic properties, and what specific compounds contribute to this effect? Authors explain with suitable references.

What evidence supports the claim of anti-inflammatory activity in *Pterocarpus marsupium*? Authors explain with recent references.

Can you provide examples of ailments for which the plant is commonly used in combination with other medicinal herbs?

What challenges and methods are involved in isolating and characterizing bioactive compounds from *Pterocarpus marsupium*?

Have any specific bioactive compounds been identified as potential lead molecules for drug discovery research?

What areas of research are currently lacking or underexplored regarding the pharmacological activities of *Pterocarpus marsupium*?

Are there any potential applications or benefits of this plant that require further investigation?

Are there any reported adverse effects or safety concerns associated with the use of this plant?

Does the chemical composition or pharmacological activity of *Pterocarpus marsupium* vary based on geographical location or climate?

Are there any commercial products or medications currently available that incorporate *Pterocarpus marsupium* as a key ingredient?

What challenges exist in translating the traditional use of this plant into commercially viable products?

