

Bullet points

- Ethanolic solvents have the most potential for phenolic recovery from *G. pseudochina* leaves.
- Microwave drying preserves high phenolic compounds in *G. pseudochina* leaves.
- Microwave-dried *G. pseudochina* leaves contain a low content of pyrrolizidine alkaloids.
- *G. pseudochina* leaf extract has mild toxicity to keratinocyte cells.
- *G. pseudochina* leaf extract can be utilized for psoriasis treatment as inhibitors of RelB and IL-8.