

4 Conclusion

The bark of *Couroupita Guianensis* Aubl.(Lumbini Ingyin), was used to determine the phytochemical constituents, to isolate the pure organic compound . The bark of this plant contains alkaloid, flavonoid, steroid, terpene, glycoside, reducing sugar, polyphenol, saponin, and phenolic compound respectively. Phytochemical test for pure compound (PPH-1) was done and it showed the positive test for terpene. The pure compound (PPH-1) was isolated from the bark of *Couroupita Guianensis* Aubl.(Lumbini Ingyin) by using thin layer and column chromatographic separation techniques. The partial structures of compound (PPH-1) was elucidated by ¹HNMR , ¹³CNMR , DEPT, DQF-COSY , HSQC , HMBC spectral data respectively. Therefore pure compound (PPH-1) was confirmed the triterpene(β -sisterol) compound.

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Onlines Materials

https://en.wikipedia.org/wiki/Couroupita_guianensis

<http://www.stuartxchange.org/CannonBallTree.html>

<https://en.wikipedia.org/wiki/Terpenoid>

<https://www.mayoclinic.org>