



A Phytochemical Study On Soymida Febrifuga Seeds

By Krishnaveni, Marimuthu

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Qualitative, antimicrobial, antioxidant, GCMS analysis of phytochemical, fatty acid in Soymida febrifuga seeds | Natural products are among the best and largest source used for the preparation of medicine by pharma industries. In order to achieve a therapeutically valuable drug, screening different parts of the plant for its bioactive compounds and their structures gives a better idea before stepping in to clinical trials. In the present study, Soymida febrifuga seed was analysed for its properties. Here, the present study was carried out with aqueous and solvent extract. Mild heat was applied while preparing aqueous extract, whereas, solvent was used for GC-MS study to achieve complete extraction of all phytochemical as all compounds won't get dissolved in water. Almost all phytochemicals were present in the aqueous extract of seed, the percent yield was good. The antioxidant study showed promising results. The results of GC-MS analysis showed highest peak for Desulphosinigrin among the phytochemicals assessed. Likewise, the prominent fatty acids observed was 9,12-Octadecadienoic acid (Z,Z)-, methyl ester. The phytochemicals present was able to act well against bacteria compared to fungi. From the observed results, it is clear, it might be a promising source having...



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