

In-silico analysis of Patentiflorin A – a potent drug from *Justicia gendarussa*

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ABSTRACT:

Justicia gendarussa is a highly valuable ethno medicinal plant. Due to the identification of the novel chemical constituent Patentiflorin - A, it has been more popularized for the treatment of HIV-AIDS. This potent drug has been analyzed using *in-silico* tools and servers for understanding its therapeutic nature. In this analysis, we found that it is used to treat a variety of ailments including cancer, rheumatism, allergy, Alzheimer's disease, Parkinson's disease, Gaucher disease, Charcot-Marie-tooth disease, common cold, liver disease and cardiac arrest etc., This research is fruitful as most of its hidden uses are understood.

Keywords:

Justicia gendarussa, Patentiflorin-A, Anticancer, Antibiotic, Cardioprotective and PASS.