

Preparation of Philippine Plant Extract Libraries for High-Throughput Screening

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ABSTRACT

Various terrestrial plants were collected from different places in the Philippines. The dried samples were then soaked in methanol and partitioned using modified Kupchan method. Portions of the ethyl acetate and aqueous fractions were treated for the removal of polyphenols. Dried methanolic, hexane, ethyl acetate, aqueous fractions and portions treated for polyphenols were weighed and dissolved in dimethyl sulfoxide to give a concentration of 5mg/ml. Philippine Plant Library I, with 200 wells and Philippine Plant Library II, which has 628 wells, are currently deposited at the Institute of Chemistry and Cell Biology Screening Facility at Harvard Medical School are continuously being subjected to different assays.

KEYWORDS

natural products . plant extracts . high-throughput screen

REFERENCES

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