

CHEMICAL CONSTITUENTS OF *Kalanchoe pinnata*

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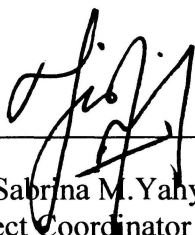
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ABSTRACT

CHEMICAL CONSTITUENTS OF *Kalanchoe pinnata*

Kalanchoe pinnata is an erect shrub plant that is very useful for the treatment of diseases. The common name of this plant is Setawar. This plant is a very good medicinal plant to treat fever, diarrhea, vomiting and others. There are many chemical constituents contained in this plant. The steroids from the leaves of *Kalanchoe pinnata* were extracted with dichloromethane. Chromatographic methods were also used to isolate the mixture of steroids. The weight of crude steroids obtained was 0.01g from 80.4g of grounded leaves of *Kalanchoe pinnata*. The structures of the steroids were identified by Gas Chromatography-Mass Spectrometry. The steroids found in this study were campesterol (ergost-5-en-ol), stigmasterol (stigma-5, 22-dien-3-ol), and β -sitosterol ((23S)-ethylcholest-5-en-3 β -ol).