

Screening of the Antitumor Activity of *Gynura angulosa* DC.

Tin Seinn Mar*

Abstract

Myanmar is rich the medicinal plants having medicinal values. Among them, *Gynura angulosa* DC. (kadu) is used for Myanmar traditional medicine. The selected plant *Gynura angulosa* belongs to the family Asteraceae. It is known as Kadu and widely distributed in Myanmar. In this study, the plant sample was collected from the Yangon University Campus, Yangon Region during from April 2019 to July 2020. The present study highlights the pharmacognostical studies on leaves including parameters which are macroscopic and antitumor activity. In the antitumor activity of the ethanolic, methanolic and ethyl acetate extracts from leaves of *Gynura angulosa* DC, the significant tumor inhibition was observed by 1.0g/disc dose of ethanolic, methanolic and ethyl acetate extracts.

Key words: *Gynura angulosa*, morphological and antitumor activity

* Professor, Department of Biology, Yangon University of Education