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IDENTIFICATION OF FUNCTIONAL CLUSTER OF EXTRACT PARASITE DUKU (LORANTHACEAE DEANDROPTHOE SPECIES) WITH FT-IR SPECTROMETER

Abstract

Identification of organic compounds in the Loranthaceae daendrophoe sp are urgently to be recognize, because it used as the first step to isolation and elucidation organic compounds in this plant and to know mechanism of action as antiproliferative cell. But a study about that is rarely. This study investigate organic compounds in the extract of leaves Loranthaceae daendrophoe sp in methanol with identification of functional cluster by using FT-IR spectrometer. The outcome is the spectrum and to be compared with correlation charts. This study has proven the presence of functional clusters in the extract of leaves dandrophoe Loranthaceae sp in methanol ie the group of hydroxyl, carbonil, double-link carboxyl and amines.

Keyword : Loranthaceae, daendrophoe, sp., Spectrometer, functional, cluster,

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