

Identification of pentacosane compounds contained in the methanol golobe extract (*Hornstedtia alliacea*) in North Halmahera

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Golobe halmahera (*Hornstedtia alliacea*) is one type of farmer that has

health benefits. The use of golobe halmahera is a source of energy when hunting, used when there are injuries and infections and this plant grows in the tropics including Halmahera. This research was conducted to identify chemical compounds contained in extra acids of methanol golobe (*Hornstedtia alliacea*). The design of this study was purely experimental conducted at the STIKES Halmahera pharmacy laboratory. The separation technique is maceration using methanol as a liquid dancer and the gas chromatography-mass spectrometry method is used to identify the compounds contained in the golobe halmahera methanol extract.

The results showed that golobe halmahera contained alpha-cubebene 2.04%, myristaldehyde 1.33%, ethyl (9Z)-9-octadecenoate 2.13%, tricosane 3.78%, heptadecane 6.75%, pentacosane 28, 29%, heptafluorobutanoic acid, 3.15% heptadecyl ester, ethanol, 2-(octadecyloxy) 14.76%, all-trans-squalene 2.55%, 9-tricosane 6.10%, heptadecane 10.05%, 17-hexadecyltetra triacotane 1.94%, (9Z)-9-tricosane 7.00%, benzenamine 2,3,4,5,6-pentachloro 7,96%.

Biography

Maykel A Kiling is Research lecturer and study program chairman at STIKES Halmahera.

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