

Chemical Composition and Antibacterial Activity of Bornean Medicinal Ginger *Alpinia aquatica*

ABSTRACT

One new phenylbutenoid, (3Z)-2',4',5'-trimethoxyphenylbutadiene (1) along with five known metabolites were isolated from aquatic galangal (*Alpinia aquatica* Rosc.) and their chemotaxonomy importance in five populations of *A. aquatica* collected from Kota Kinabalu, Ranau and Kota Belut in Sabah, Malaysia. The antibacterial potential as well as the chemosystematics importance of this discovery is discussed.