

Alkaloids and sulphur-containing amides from *Glycosmis citrifolia* and *Glycosmis elongata*

ABSTRACT

Air-dried leaves of both *Glycosmis citrifolia* and *Glycosmis elongata* collected from Bogor Botanical Garden, Indonesia were individually extracted with chloroform to give dark viscous extracts after solvent removal. Column chromatographic separation of the extract of *G. citrifolia* yielded 5(6)-glutene-3 α -ol, two sets conformers (E)-dambullin and (Z)-dambullin, and (E)-methyldambullin and (Z)-methyldambullin. Similar treatment of the extract of *G. elongata* gave skimmianine and arborinine. The structures of the compounds were elucidated based on spectroscopic data and comparison with published reports.

Keyword: Arborinine; Dambullin; Methyldambullin; *Glycosmis citrifolia*; *Glycosmis elongata*; Skimmianine