

Two new clerodane-type diterpenoids from Bornean liverwort *Gottscheia schizopleura* and their cytotoxic activity

ABSTRACT

The Bornean liverwort *Gottscheia schizopleura* was investigated phytochemically for the first time. Two new and four previously known clerodane-type diterpenoids were isolated from the MeOH extract of *G. schizopleura* through a series of chromatographic techniques. The structures of the new metabolites were established by analyses of their spectroscopic data (1D NMR, 2D NMR, HRESIMS and IR). All the isolated compounds **1–6** were tested against human promyelocytic leukaemia (HL-60), human colon adenocarcinoma (HT-29) and *Mus musculus* skin melanoma (B16-F10). Compound **1** and **2** showed active inhibition against HL-60 and B16-F10 cells.