

Separation and determination of chemical constituents in the roots of *rhus javanica* L. var. *roxburghiana*.

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Abstract

From the roots of *Rhus javanica* L. var. *roxburghiana*, totally thirty-seven known compounds have been isolated and identified. Their structures were elucidated based on their spectral analysis as well as comparison with authentic samples. These compounds were grouped to be fifteen triterpenoids, five steroids, two lignans, two flavonoids, nine phenolics, and four other aromatic derivatives. Their cytotoxicities toward two cell lines NUGC-3 and HONE-1 were also evaluated.