

A Novel Acetylated 3-Deoxyanthocyanidin Laminaribioside from the Fern *Blechnum novae-zelandiae*

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The major 3-deoxyanthocyanin isolated from the fern *Blechnum novae-zelandiae* was determined to be luteolinidin 5-*O*- β -D-[3-*O*- β -D-glucopyranosyl-2-*O*-acetylglucopyranoside] and was found to co-occur with quercetin 3-*O*- β -D-[6-*O*-caffeoylglucopyranoside], quercetin 3-*O*- β -D-[6-*O*-caffeoylgalactopyranoside] and kaempferol 3-*O*- β -D-glucuronopyranoside. These pigments were identified by using HPLC chromatography, NMR (1D, 2D) and electrospray mass spectroscopy.