

Isolation of Flavonoids and phenolic compounds from Korean *Sambucus williamsii* var. *coreana* by RP-HPLC

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Korean *Sambucus williamsii* var. *coreana* was plants usually used in popular medicine of Korea for treating numerous diseases. Flavonoids and Phenolic compounds are secondary metabolites, ubiquitous in the plant Korea, that have been shown to impact human health. Also, phenolic compounds are a widespread group of natural products and in recent years different investigations on their biochemical and pharmacological properties have been reported. In this work, the extraction of Flavonoids and Phenolic compounds from Korean *Sambucus williamsii* var. *coreana* was performed by extraction methods such as reflux extraction with ethanol. After we have isolated Flavonoids and Phenolic compounds. All the compounds have been tested for their effects. From the stems of Korean *Sambucus williamsii* var. *coreana* was isolated and identified by means of chemical and spectroscopic. The extracts were analyzed by reversed-phase high performance liquid chromatography (RP-HPLC).