Socotroside, a New Pentacyclic Cucurbitane Glycoside from *Dendrosicyos socotrana*

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Phytochemical investigation of the ethyl acetate extract of the stem of *Dendrosicyos socotrana* Balf. f. resulted in the isolation of a new pentacyclic cucurbitane glycoside Socotroside, in addition to the three known cucurbitacins, dihydrocucurbitacin D, dihydrocucurbitacin F and cucurbitacin G. The structures of the isolated compounds were established on the basis of their spectral data. The isolated cucurbitacin aglycones showed marked cytotoxic activity.

*Key words: Dendrosicyos socotrana,* Cucurbitaceae, Pentacyclic Cucurbitane Glycoside, Cytotoxic Activity