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Chemical Constituents of *Bombycis corpus* 101A and Their Bioactivitics

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Bombycis corpus is killed silkworm larvae by inoculation of fungi, *Beauveria bassiana* and the traditional medicine to treat paralysis, headache, epilepsy and tuberculosis. The sample used in this study was *Bombycis corpus* 101A inoculated by *Beauveria bassiana* 101A, which was developed in National Institute of Agriculture Science and Technology.

Our investigations for the bioacive constitutuents of this sample resulted in the isolation and the characterization of two steroids, two cyclodepsipetides and six amine compounds. Their chemical structures were assigned by physicochemical and spectral evidences.

Isolated compounds were screened cytotoxic activity against cultured human tumor cell lines, A549(non small cell lung adenocarcinoma), SK-OV-3(ovarian), SK-MEL-2(skin melanoma), XF498(CNS) and HCT15(colon) *in vitro*.