

Bioactivities Constituents from the Stem of *Tetrastigma formosanum*

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Tetrastigma formosanum (Hemsl.) Gagnep. (Vitaceae) is a climbing plant at low altitudes of whole Taiwan. It is used as treatments for pneumonia, asthma, hepatitis, rheumatoid, and sore throat. Our study indicated that the MeOH extract of the stem of *T. formosanun* have the cytotoxic activities against HSC-3 (oral mucositis) and CH27 (lung cancer) cell lines. After partition and column chromatography of the MeOH extract, the fractions of TFS-H-6—8 in *n*-hexane layer and TFS-E-12—14 in EtOAc layer showed the significantly cytotoxic activities.