

**P-005: ANTIOXIDANT CONSTITUENTS OF LICORICE ROOTS AND STOLONS
(GLYCYRRHIZA GLABRA)**

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As a part of the search for new cancer chemopreventive agents, a new chalcone derivative (**1**), and seven known compounds (formonetin, glabridin, hemileiocarpin, hispaglabridin B, isoliquiritigenin, 4'-methylglabridin, and paratocarpin B) were isolated from licorice roots and stolons. The structure of compound **1** was elucidated using various spectroscopic methods. All isolates were tested in an authentic peroxyxynitrite antioxidant assay. Of these compounds, hispaglabridin B, isoliquiritigenin, and paratocarpin B exhibited good activity comparable to a positive control, pencillamine.

