

[Open Peer Review on Qeios](#)

Glycyrrhizin

National Cancer Institute

Source

National Cancer Institute. *Glycyrrhizin*. NCI Thesaurus. Code C1117.

A saponin-like compound that provides the main sweet flavor for *Glycyrrhiza glabra* (licorice), with potential immunomodulating, anti-inflammatory, hepato- and neuro-protective, and antineoplastic activities. Glycyrrhizin modulates certain enzymes involved in inflammation and oxidative stress, and downregulates certain pro-inflammatory mediators, thereby protecting against inflammation- and reactive oxygen species (ROS)-induced damage. Glycyrrhizin may also suppress the growth of susceptible tumor cells.