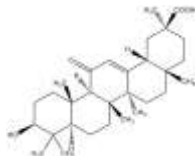


PRODUCT: β-Glycyrrhetic acid**ALTERNATE NAME:** 3β-Hydroxy-11-oxo-18β,20β-olean-12-en-29-oic acid,
Enoxolone; STX352; GM1658; NSC 35347**CATALOG #:** 9586-1G**AMOUNT:** 1 g**STRUCTURE:****MOLECULAR FORMULA:** C₃₀H₄₆O₄**MOLECULAR WEIGHT:** 470.68**CAS NUMBER:** 471-53-4**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (>15 mg/ml)**PURITY:** ≥97% by titration**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** β-Glycyrrhetic acid is a major metabolite of glycyrrhizin, one of the main constituents of licorice. It inhibits 15-PGDH (15-hydroxyprostaglandin dehydrogenase) leading to increased prostaglandin concentration in the digestive system. Displays anti-ulcerative, anti-inflammatory, and immunomodulatory properties. In addition, β-Glycyrrhetic acid inhibits mammalian DNA polymerases α, γ, κ, and λ with IC₅₀ values of 16.1, 19.3, 15.8, and 13.7 μM, respectively. Also protects liver against the toxic effect of chemotherapeutic alkylating agents via activation of Nrf2 (NF-E2-related factor-2) and PPARγ.**REFERENCES:** Mahmoud, A.M., and Al Dera, H.S. (2015). *Genes Nutr.* 0(6):41. doi: 10.1007/s12263-015-0491-1. Epub 2015 Sep 19.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Ciglitazone (**Cat. No. 1695-5**)18β-Glycyrrhetic acid (**Cat. No. 9486-1000**)SW-033291 (**Cat. No. 9584-5,25**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**