

Product Name:	Isoxanthohumol
Product Number:	I038
CAS Number:	521-48-2
Molecular Formula:	C ₂₁ H ₂₂ O ₅
Molecular Weight:	354.4
Description:	Isoxanthohumol is one of many bioactive prenylflavonoids that can be isolated from the hops plant, or <i>Humulus lupulus</i> L. While the primary research interest is in its apparent chemotherapeutic prevention activity, isoxanthohumol has also shown notable antiviral, antibacterial and antifungal activity.
References:	Allsopp, P., Possemiers, S., Campbell, D., Gill, C., & Rowland, I. (2013). A comparison of the anticancer properties of isoxanthohumol and 8-prenylnaringenin using in vitro models of colon cancer. <i>BioFactors</i>, 39(4), 441-447. doi:10.1002/biof.1084 Buckwold, V., Wilson, R., Nalca, A., Beer, B., Voss, T., Turpin, J., . . . Walton, E. (2004). Antiviral activity of hop constituents against a series of DNA and RNA viruses. <i>Antiviral Research</i>, 61(1), 57-62. doi:10.1016/s0166-3542(03)00155-4 Mizobuchi, S., & Sato, Y. (1984). A new flavanone with antifungal activity isolated from hops. <i>Agricultural and Biological Chemistry</i>, 48(11), 2771-2775. doi:10.1271/bbb1961.48.2771