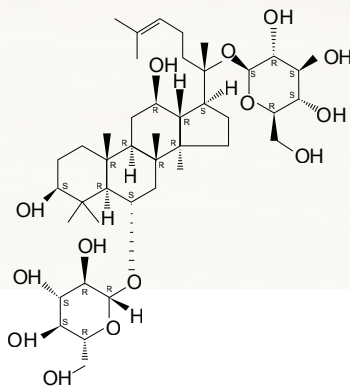


GINSENOIDES

Panax ginseng, is one of the most universally used herbal remedies in Asian and Western countries. The biological activity of ginseng is attributed to the ginsenosides and the similar compounds contained within¹. The majority of biological activities of ginseng are derived from ginsenosides and their chemical relatives.



Biological Activity

- Ginsenoside Rg1: One of the most well-known ginsenosides, has a wide range of beneficial effects such as blood vessel development, neuroprotection, and stem cell proliferation have been reported through research of this compound.³
- Ginsenoside Rg3: a vibrant compound of Korean red ginseng; studies have linked this compound to the reduction of proliferative and excess tissue of women suffering from endometriosis.⁴

Fast Facts

- The name Panax means 'all healing,' which describes the traditional belief that ginseng has properties to heal all aspects of the body.²
- The most common ginsengs are Korean red ginseng (*P. ginseng* Meyer), Chinese ginseng (*P. notoginseng*) and American ginseng (*P. quinquefolium* L.).²

Ordering Information

Check out ChromaDex's best-selling chemical reference standards in the Ginsenoside Standards Kit.

Name	Grade	CAS	Part Number
Ginsenoside Rg1	P,AS	22427-39-0	00007220
Ginsenoside Rg3 R-Form	P	38243-03-7	00007224
Ginsenoside Rg3 S-Form	P	14197-60-5	00007217
Ginsenoside Standards Kit	Various		00007225

References

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2. Kim, J.H., Cardiovascular Diseases and Panax ginseng: A Review on Molecular Mechanisms and Medical Applications. *J Ginseng Res*, 2012. 36(1): p. 16-26.
3. Zhao, J., Z. Shi, S. Liu, J. Li, and W. Huang, Ginsenosides Rg1 from Panax ginseng: A Potential Therapy for Acute Liver Failure Patients? *Evid Based Complement Alternat Med*, 2014. 2014: p. 538059.
4. Kim, M.K., S.K. Lee, J.H. Park, J.H. Lee, B.H. Yun, J.H. Park, S.K. Seo, S. Cho, and Y.S. Choi, Ginsenoside Rg3 Decreases Fibrotic and Invasive Nature of Endometriosis by Modulating miRNA-27b: In Vitro and In Vivo Studies. *Sci Rep*, 2017. 7(1): p. 17670.

