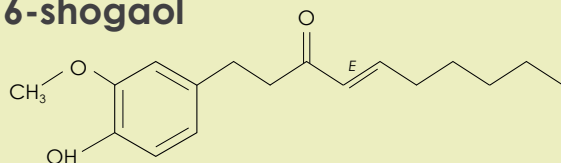
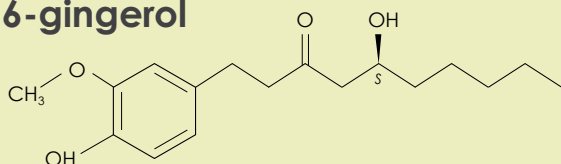


ZINGIBER OFFICINALE (GINGER)

6-shogaol



6-gingerol



Biological Activity

- Powerful Antioxidant/ Anti-Inflammatory^{2,3}
- Antimicrobial⁴
- Shows anti-angiogenic properties in breast, cervical, colorectal, and prostate cancers^{5,6}

Fast Facts

- Ginger has been used as a traditional medicine for several thousands years, helping with nausea, headaches, colds, and other ailments.¹
- Ginger's unique taste is a result of the gingerol and shogaol compounds as well as essential oils contained in the rhizome.
- Because of the growing interest in Ginger and its activity, adulteration has been more prevalent in recent years.
- Ginger is considered by the US Food and Drug Administration to be "Generally Recognized as Safe" (GRAS) but this does not account for adulteration.

Ordering Information

Test the major and unique components of the materials you receive. Make sure your product has genuine ginger. We carry authentic ginger BRMs as well as Primary Grade reference standards, buy the reference standards in a kit and **save 15%!**

[5mg per compound KIT](#)
[10mg per compound KIT](#)

| Description | Grade | CAS # | Part Number |
|-------------|-------|------------|-------------|
| 6-gingerol | P | 23513-14-6 | 00007164 |
| 6-shogaol | P | 23513-13-5 | 00019211 |
| Zingerone | P | 122-48-5 | 00026600 |
| 6-paradol | P | 27113-22-0 | 00016068 |

GET RELIABLE RESULTS: PLACE YOUR ORDER TODAY!

References

1. Bode AM, Dong Z. The Amazing and Mighty Ginger. In: Benzie IFF, Wachtel-Galor S, editors. Herbal Medicine: Biomolecular and Clinical Aspects. 2nd edition. Boca Raton (FL): CRC Press/Taylor & Francis; 2011. Chapter 7. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK92775/>
2. Yeh H., Chuang C., Chen H., Wan C., Chen T., Lin L. Bioactive components analysis of two various gingers (*Zingiber officinale* Roscoe) and antioxidant effect of ginger extracts. *LWT-Food Sci. Technol.* 2014;55:329-334. doi: 10.1016/j.lwt.2013.08.003.
3. Luettig J., Rosenthal R., Lee I.M., Krug S.M., Schulzke J.D. The ginger component 6-shogaol prevents TNF-alpha-induced barrier loss via inhibition of PI3K/Akt and NF-kappa B signaling. *Mol. Nutr. Food Res.* 2016;60:2576-2586. doi: 10.1002/mnfr.201600274.
4. Hasan S., Danishuddin M., Khan A.U. Inhibitory effect of *Zingiber officinale* towards *Streptococcus mutans* virulence and caries development: in vitro and in vivo studies. *BMC Microbiol.* 2015;15:1. doi: 10.1186/s12866-014-0320-5.
5. El-Ashmawy N.E., Khedr N.F., El-Bahrawy H.A., Mansour H.E.A. Ginger extract adjuvant to doxorubicin in mammary carcinoma: study of some molecular mechanisms. *Eur. J. Nutr.* 2018;57:981-989. doi: 10.1007/s00394-017-1382-6.
6. Liu C., Kao C., Tseng Y., Lo Y., Chen C. Ginger phytochemicals inhibit cell growth and modulate drug resistance factors in docetaxel resistant prostate cancer cell. *Molecules.* 2017;22:1477. doi: 10.3390/molecules22091477.