

Provinal® Purified Omega-7 from Highly Purified Fish Oil

Get All the Healthy Benefits of the Next Omega

Item #01812 • 30 softgels

Omega-3s are already a part of Life Extension® members' health routines and are recognized for their many benefits. But scientists are increasingly excited about the newly discovered effects of a little known family of "good fats" — **omega-7** fatty acids.

Rather than replace omega-3s, the **omega-7** fatty acid **palmitoleic acid** has been shown to powerfully complement omega-3s with its unique cellular-signaling properties that directly support healthy metabolic factors associated with:

- Superior *cardiovascular* health,^{1,2}
- Healthy *inflammatory* response,^{1,3,4}
- Optimum normal metabolism of *glucose* and *insulin*,^{1,5,6} and
- Beneficial modulation of *hunger* and *satiety*.^{7,8}

Unique Cell-Signaling Support

Palmitoleic acid is a monounsaturated **omega-7** that has been identified as a *lipokine* — meaning a lipid-controlling hormone — making it an incredibly unique fatty acid.⁹

Scientific studies have shown that the cell-signaling and metabolic support provided by **palmitoleic acid** promotes healthy levels of **triglycerides**, **total cholesterol**, **LDL**, and **HDL** already within normal range — after just one month of **210 milligrams** of daily **palmitoleic acid** supplementation.¹⁰

Studies also show that within normal ranges, palmitoleic acid helps balance **C-reactive protein** levels, a marker of whole-body inflammation;¹⁰ optimizes **insulin sensitivity**,^{1,11,12} and regulates levels of satiety-promoting and hunger-promoting gastric hormones.^{7,8}

Advanced Purified Omega-7

Conventional processing methods result in omega-7 products containing only about **25%** of **palmitoleic acid**. But **Provinal® Purified Omega-7** is concentrated to **50%** beneficial **palmitoleic acid**. This purifying technique also enables superior **palmitoleic acid** availability.

References

1. *Lipids Health Dis.* 2011;10:120.
2. *Biosci Biotechnol Biochem.* 2011;75(12):2401-3.
3. *PLoS One.* 2012;7(6):e39286.
4. *Eur J Nutr.* 2011 Aug;50(5):323-30.
5. *Biochem J.* 2006 Nov 1;399(3):473-81.
6. *Diabetes.* 2001 Jan;50(1):69-76.
7. *Appetite.* 2013 Jun;65:1-7.
8. *Am J Physiol Gastrointest Liver Physiol.* 2012 Aug 1;303(3):G367-76.
9. *Cell.* 2008 Sep 19;134(6):933-44.
10. Effect of Two Dosage Levels of Provinal™ on serum lipid and C-reactive protein (CRP) profiles in humans: Tersus Pharmaceuticals, LLC; 2012.
11. *J Clin Endocrinol Metab.* 2013 Jan;98(1):E40-50.
12. *Diabetes Care.* 2010 Feb;33(2):405-7.

New look outside.
Same quality inside.



The transition to this new look will
happen over time.

One softgel contains:

Palmitoleic Acid (Omega-7) 210 mg
[from Provinal® highly refined anchovy
and/or menhaden oil] (non-GMO)]

Other ingredients: gelatin, glycerin, purified water.

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Dosage and use

- Take one softgel daily with food, or as recommended by a healthcare practitioner.



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These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.