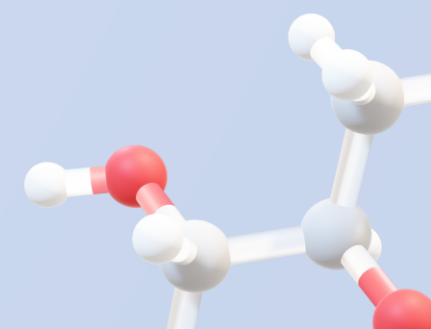


Redefining

OMEGA-3 WITH

Ruby-O®

**Next-Gen Enhanced
Omega-3 Platform**



A MOLECULAR PLATFORM,

NOT JUST A BRANDED INGREDIENT

Ruby-O® is a next-generation enhanced omega-3 platform, where active components form one unified molecular structure, not just a blend.

Through our proprietary* *Bonded Phospholipid Omega 3 (BPLO3™)* architecture, EPA, DHA and phospholipids are enzymatically bonded into a single lipid matrix designed to optimize absorption, minimize dosing, and enable precision delivery.

*Patent # US20230091294A1



Ruby-O

Ruby-O® molecular platform is composed of:



Phospholipids

Essential building blocks of all cell membranes, responsible for life itself. In Ruby-O®, they form the structural foundation that transports nutrients across barriers, stabilizes emulsions, and enhances absorption.



Omega-3 | EPA & DHA

Essential fatty acids bonded to the phospholipid matrix for efficient delivery to the brain, heart, eyes, and other tissues.



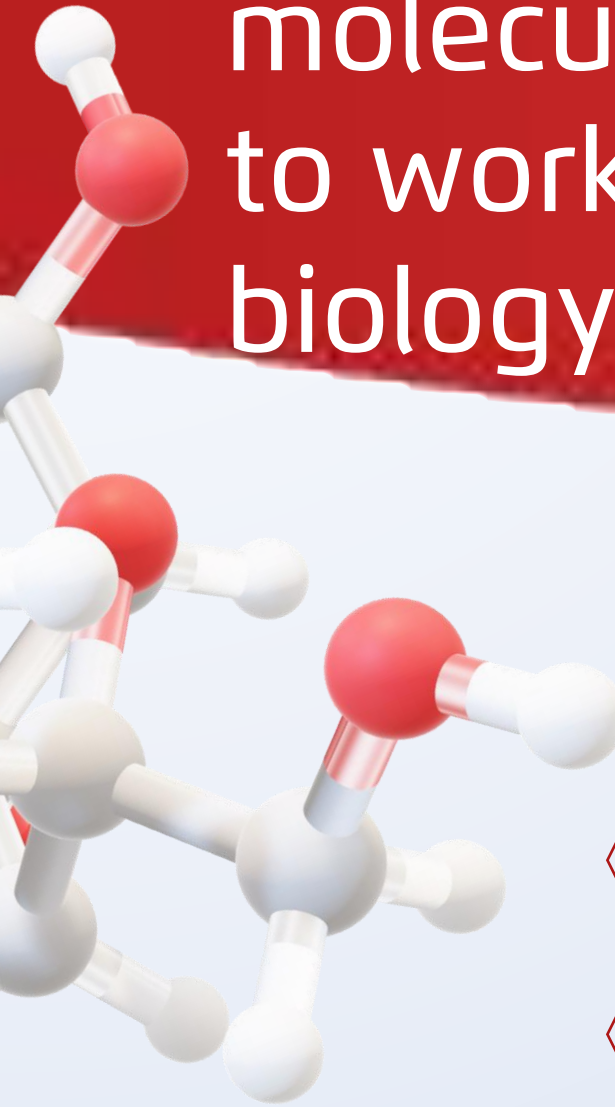
Astaxanthin (optional)

A powerful antioxidant that protects the lipid structure and imparts Ruby-O®'s signature red ruby tone.



Synergistic | Lipid matrix

Ruby-O® serves as an ideal carrier to other fat-soluble bioactives such as CoQ10, curcumin, and vitamins A, D, E, and K.



Ruby-O® is molecularly bonded to work with your biology.

Its unique bonded phospholipid structure seamlessly integrates with your cell membranes, delivering omega-3s and choline where they matter most: your brain, heart, and mitochondria.

This advanced lipid system forms stable nano emulsions improving absorption and bioavailability.

TARGETED HEALTH BENEFITS



CARDIOVASCULAR HEALTH

Helps lower triglycerides, reduce inflammation, and support vascular tone, with clinically proven performance at lower doses.



COGNITIVE & BRAIN FUNCTION

Delivers DHA to enhance memory, focus, and mood, with faster brain uptake.



WOMEN'S & PRENATAL HEALTH

Supports hormonal balance and fetal neurodevelopment, with clean-label, phospholipid-powered delivery.



HEALTHY AGING

Boosts mitochondrial energy and cellular resilience, key for longevity and graceful aging.



SPORTS & ACTIVE LIFESTYLE

Accelerates recovery and protects joints and muscle performance, without the fishy aftertaste or GI distress.

Why Ruby-O® Works as a Platform.



Ruby-O

Bonded innovation. Real-world performance.
Brand-building flexibility.

NO FISHY AFTERTASTE OR REFLUX

Smooth experience, better adherence. No reflux or burps.

FEWER DOSES, MORE EFFECT

Delivers more with less. Superior bioavailability means lower daily dosing, faster effects, and a cleaner label without compromising performance.

BONDED FOR ENHANCED ABSORPTION

Not just mixed. Molecularly bonded. Ruby-O® self-emulsifies and bonds omega-3s with phospholipids reaching target cells faster and more efficiently.

CLINICALLY BACKED PERFORMANCE

Proven to outperform krill oil in absorption and EPA/DHA delivery and now validated in a recent study demonstrating clinical relevance in TG reduction nearly 3x, even at a lower dose than standard fish oil omega-3.

MULTI-BIOACTIVE SYNERGY

A platform built for synergy. Ruby-O® can be combined with choline, folate, or other actives to target brain, liver, prenatal, and cellular health, delivering more in one structure.

VERSATILE DELIVERY FORMATS

Ready for gummies, softgels, liquids and beyond. Flexible across delivery forms and demographics, ideal for innovation pipelines and B2B scalability.

CLEAN-LABEL AND ALLERGEN-FREE

Naturally compliant. Free from shellfish, gluten, and artificial additives with marine and vegan sourcing options built for modern consumers.

Ruby-O®

WHY IT WORKS?

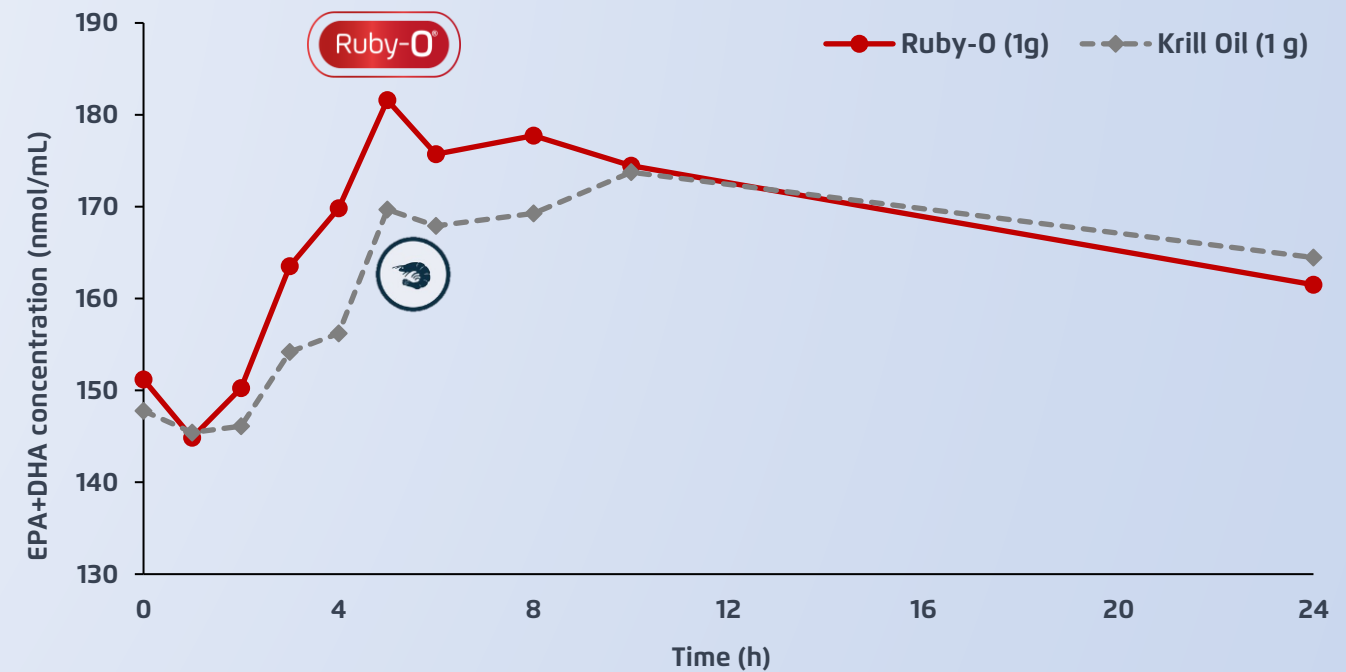


THE SCIENCE BEHIND RUBY-O®

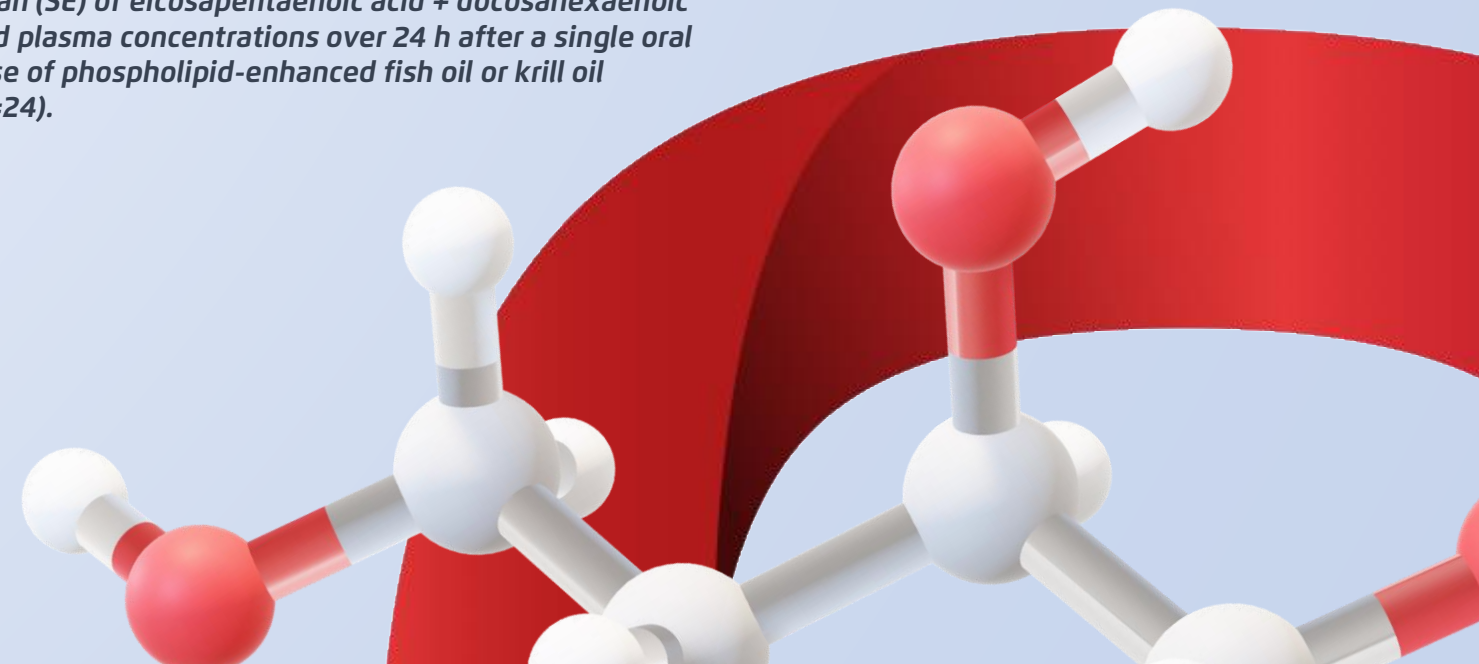
RUBY-O® DELIVERS FASTER AND HIGHER PEAK OMEGA-3 UPTAKE THAN KRILL OIL, SUGGESTING SUPERIOR SHORT-TERM BIOAVAILABILITY AND POTENTIAL FOR LOWER-DOSE EFFICACY.

- » *Ruby-O® delivers more omega-3 to the bloodstream, and gets there quicker than krill oil!*
- » *25% higher EPA+DHA peak concentration*
- » *EPA peak reached 2.4 hours faster*
- » *62% more EPA+DHA per capsule*
- » *No fishy aftertaste or digestive discomfort*

*Clinical data from Guarneiri et al., 2023 and Chevalier et al., 2021



Mean (SE) of eicosapentaenoic acid + docosahexaenoic acid plasma concentrations over 24 h after a single oral dose of phospholipid-enhanced fish oil or krill oil (N=24).



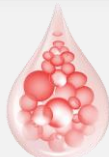

ACHIEVING MORE WITH LESS:

RUBY-O® DEMONSTRATES EFFICACY AT A SIGNIFICANTLY LOWER DOSE*.

Can you deliver real triglyceride reduction with less omega-3 than traditional high-dose products?

Ruby-O® took on that challenge, and the results of the second clinical study were clear.

**To make the challenge real,
we compared:**

 Ruby-O® Balance <i>(Bonded phospholipid Omega 3 matrix):</i> 275 mg/softgel (167 EPA+108 DHA)	<p>3 softgels per day</p> <p>vs.</p>	 Standard Omega-3 Fish Oil: 301 mg/softgel (180 EPA+ 121 DHA)
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KEY FINDINGS:

- » **2.74x** greater TG reduction vs. control, at a lower daily dose (825 mg/day vs. 903 mg/day EPA+DHA)
- » More responders: **≥20% TG reduction** or out of the high-risk zone
- » **34% Omega-3 Index improvement**, from 5.60% to 7.38%, approaching the optimal >8% range

*12-week, randomized, double-blind clinical trial involving adults diagnosed with hypertriglyceridemia. Participants were assigned to receive either Ruby-O® Balance or a standard omega-3 supplement, each at a dose of 3 capsules per day. Despite delivering a lower daily EPA+DHA dose (825 mg vs. 903 mg), Ruby-O® demonstrated superior outcomes in triglyceride reduction and Omega-3 Index improvement.

RUBY-O®:

FORMULATED FOR PERFORMANCE.
POWERED BY SCIENCE.

	Product Name	Phospholipids (mg/ g)	EPA (mg/ g)	DHA (mg/ g)	Total Omega-3 (mg/ g)	Source
	Ruby-O®Prenatal	400	50	250	330	Fish Oil
	Ruby-O®Neuro	400	42	260	340	Fish Oil
	Ruby-O®Cardio	400	80	90	310	Fish Oil
	Ruby-O®Balance	400	160	110	320	Fish Oil
	Ruby-O®Plant Based	300	-	400	400	Algae Oil



From brain to heart to prenatal health, these formulas are designed to meet the needs of today’s wellness consumers, with clinically backed absorption, and clean-label flexibility. **And with Ruby-O® as your platform, the formulation possibilities are endless.**

WHAT MAKES RUBY-O® A BRAND-READY SOLUTION?



Standout in a crowded omega-3 space with a patented, bonded lipid structure, not just a blend of ingredients

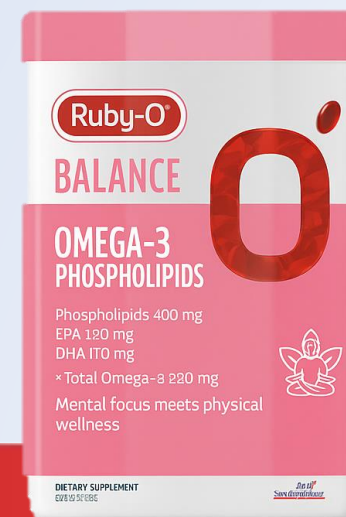
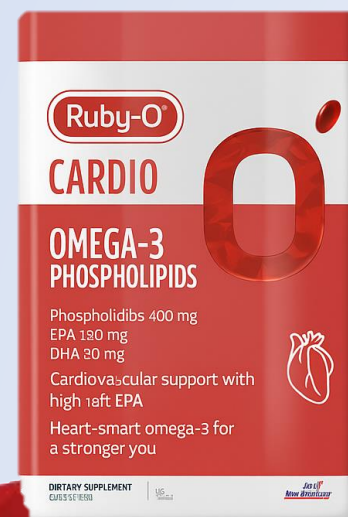


Build trust and credibility with clinically proven absorption, clean-label claims.



Capture new growth in high-demand segments: metabolic health, cognition, women's health, prenatal, performance, and healthy aging

**Unlock Premium Innovation
with the Ruby-O® Platform**



Formulate faster with a plug-and-play platform compatible with capsules, liquids, and gummies



Protect your IP with patented structural innovation and exclusive co-formulation potential



Own the narrative: position your brand as the next-generation omega-3 leader

RUBY-O[®], POWERED BY NATURMEGA

- » **17+ years of expertise** in advanced lipid science and nutritional innovation
- » **Developer and manufacturer of Ruby-O[®]** and other patented lipid technologies
- » **Specialized in medium and high-potency omega-3 concentrates**, algal oils, phospholipid systems, and custom lipid platforms
- » Home to a deicated **Innovation Center** for lipid research, formulation development, and clinical support
- » **Partner to global brands** and leading CDMOs in product development and scale-up
- » **Present in 20+ countries** across North America, Latin America, Europe, and Asia
- » Trusted for **quality, scalability, and clean-label solutions**
- » **A pioneer in molecular distillation technology** in Latin America, also hosting the region's first supercritical CO₂ fractionation facility



Ruby-O®

ITS NOT A SIMPLE INGREDIENT—
IT'S A PLATFORM.

***Bonded to Absorb
Built to Adapt.
Ready to Deliver.***

Contact us

contacto@naturmega.com.co
www.naturmega.com/products/ruby-o