

MODS Max: Better Delivery Is the Breakthrough

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The big idea

Most wellness companies compete on ingredients. Ingredients only work when they get where they need to go. MODS Max focuses on that layer: delivery.

MODS Max is a patent-pending, stabilized, water-based mineral-oxide delivery platform. It's the carrier, not the active ingredient. Any brand can copy an ingredient list. Copying a proprietary delivery platform is much harder.

The problem MODS Max solves

Many high-value compounds are hard to deliver in a simple, consumer-friendly format:

- **Natural barriers.** A mucus layer and tightly sealed surface cells keep many beneficial compounds out.
- **Breakdown in the gut.** Stomach acid and digestive enzymes destroy peptides and fragile nutrients. Typical oral bioavailability for peptides is under 1–2% ([Warren, Preprints.org 2026](#)).
- **Dose burden.** Poor absorption pushes brands toward bigger pills, more powder and higher doses.
- **No real difference.** When delivery is the same, the same ingredients give the same results.

How it works, in plain terms

Think of the lining under the tongue, inside the nose or in the gut as a wall of cells sealed together by "tight junctions."

1. **Oxygen opens the door.** When MODS Max touches moist tissue, its mineral oxides release a tiny, short burst of reactive oxygen. The cells read it as a signal, not as damage, and briefly loosen the seals between them ([Warren, Preprints.org 2026](#)).
2. **The nutrients walk through.** During that window, compatible nutrients and peptides pass between the cells. The aqueous carrier also helps by staying in longer, gentle contact with the protective mucus layer.
3. **The door closes, and the tissue gets stronger.** The reaction uses itself up and the seals close again. The same signal switches on NRF2, the body's own antioxidant defense switch, so the tissue adapts instead of getting irritated ([Warren, Preprints.org 2026](#)).

MODS Max doesn't wrap the nutrient in a shell the way a liposome does. It prepares the doorway the nutrient passes through. That makes it a different approach from other carriers, and one that can be used alongside them.

Two functions in one platform

Function	What it does
Delivery	Designed to gently and briefly help compatible actives cross natural barriers without changing the barrier's normal structure.
Formulation protection	The antimicrobial character of its mineral-oxygen bonds helps protect the formula and keep quality steady over time.

What makes it unique

- **Not a simple blend.** The platform depends on three things: which mineral-oxide components are used, their exact ratios, and a proprietary stabilization method. That combination is the asset, and patent-pending IP and trade secrets protect it.
- **A different mechanism.** Other systems wrap the cargo or force their way through with harsh solvents. MODS Max works with the body's own signals for opening and closing the barrier.
- **Small format, big advantage.** A full dose fits in 1 mL. That means a simpler routine, smaller packaging and storage at room temperature.
- **One platform, many formats.** Sublingual, oral, nasal and topical formats are all being developed on the same platform ([OTC Markets company profile](#)).

Effectiveness: what we're seeing

Published clinical data. In a 2026 Cureus case series, 15 men used a 1 mL sublingual enclomiphene formula powered by MODS Max. All 15 had higher testosterone at 60 days. Mean total testosterone rose from 347 to 805 ng/dL, with no serious adverse events ([Cureus 2026](#)).

Clinical experience across a wide range of molecules. In clinical use, MODS Max formulas have given encouraging results with compounds ranging from small nutrients to peptides about 20 times larger:

Compound	Approx. size	Type
GABA	103 Da	Small polar molecule
Vitamin C	176 Da	Vitamin
Melatonin	232 Da	Small molecule
Methylene blue	320 Da	Small molecule
Epitalon	390 Da	4-amino-acid peptide
Enclomiphene	406 Da	Small molecule
NAD+	663 Da	Charged coenzyme
Selank	752 Da	7-amino-acid peptide
Semax	814 Da	7-amino-acid peptide
BPC-157	1,419 Da	15-amino-acid peptide

Compound	Approx. size	Type
MOTS-c	2,175 Da	16-amino-acid peptide

Stability measured in real time. MODS Max formulations are tested in their commercial containers at room temperature, over actual elapsed time rather than accelerated models. Potency, appearance, pH and microbial limits all stayed within specification in internal testing.

Made to a controlled standard. Every lot is made in cGMP facilities, tested by analytical methods for identity and potency, and released against a certificate of analysis.

Where it fits best

MODS Max works best where absorption is the main thing holding a compound back:

- **Peptides** that would otherwise need an injection. Peptides are offered only under physician supervision.
- **Water-soluble and charged nutrients** that cross the gut lining poorly, such as NAD+.
- **Energy, sleep, focus and hormone-support formulas**, where a fast, compact 1 mL dose is a real advantage.
- **Skin and scalp products**, where MODS Max can be applied as a primer before a serum.

Route by route

Route	Why it works	Status
Sublingual	Thin, blood-rich tissue. Skips the gut and the liver's first pass.	Strongest evidence and widest commercial use.
Nasal	Thin, absorbent lining. Avoids the gut.	Commercial products, such as the NAD+ Nasal Spray (Best 365 Labs).
Oral (swallowed)	The same barrier biology applies in the gut, where most nutrients are absorbed.	In development. Stomach acid and food make this route harder.
Topical	Used as a two-step primer to prepare skin or scalp before a serum.	Early development. Skin-absorption testing is next.

The potential

- **30+ formulations already sold** across the Best 365 Labs portfolio, from cellular energy and mitochondrial support to sleep, hormones and recovery.
- **An alternative to injections** for compounds that currently need one, as an option under physician supervision.
- **A licensable platform** for pharmacies, ingredient specialists and brands that want a protected way to stand out ([MODS Max](#)).
- **Next proof points:** head-to-head absorption studies comparing each route, which will put precise numbers on the advantage.

Honest by design

We report what we've measured and say what we're still testing. MODS Max is patent-pending. Results vary by compound and formula, and we don't publish a fixed absorption multiplier. A sublingual dose isn't presented as equal to an injected one until head-to-head studies confirm it.

Partners can request the published paper, the scientific preprint, stability reports and formulation support. Formulation details are shared under NDA.

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.