



**Ovantic**  
L I F E S C I E N C E S

# Active Pharmaceutical Ingredients (API)

Commercial APIs, Excipients &  
Research Use Only (RUO) Portfolio

For more information,  
contact [info@ovantic.com](mailto:info@ovantic.com)

 [www.ovantic.com](http://www.ovantic.com)



<b>API Name</b>	<b>Use</b>	<b>Treats / Targets</b>	<b>Classification</b>
Benzyl Alcohol, Parenteral, NF	Preservative and antimicrobial agent for injectables	No direct therapeutic effect (preservative/ antimicrobial excipient)	Commercial
Benzyl Benzoate, NF	Solvent and viscosity modifier for depot formulations	No direct therapeutic effect (solvent/vehicle)	Commercial
Lactose Monohydrate (Spray-Dried), NF	Tablet and capsule diluent, formulation carrier	No direct therapeutic effect (excipient)	Commercial
Choline Chloride, USP/FCC	Liver support and parenteral nutrition formulations	Choline deficiency; hepatic support needs (e.g., fatty liver support in nutrition settings)	Commercial
Dexpanthenol, USP	Skin healing, IV nutrition, tissue repair	Skin irritation, minor wounds/burns; tissue repair support; B5 repletion support	Commercial
Niacinamide (Vitamin B3), USP	Cellular metabolism and dermatologic formulations	Niacin deficiency (pellagra); acne/ dermatitis support in topical/derm formulations	Commercial
Thiamine HCL (Vitamin B1), USP	Neurologic and metabolic disorder support	Thiamine deficiency (e.g., beriberi, Wernicke-Korsakoff risk); neuropathy support	Commercial

## Vitamins & Cellular Support APIs

API Name	Use	Treats / Targets	Classification
Cyanocobalamin (Vitamin B12), USP	Treatment of B12 deficiency and anemia	Vitamin B12 deficiency; megaloblastic anemia; neurologic symptoms from B12 deficiency	Commercial
L-Carnitine, USP	Fat metabolism and mitochondrial energy support	Primary/secondary carnitine deficiency; metabolic support	Commercial
Glutathione (L-Reduced), EP	Antioxidant and detoxification support	Oxidative stress support; adjunctive liver/detox support (context-dependent)	Commercial

## Cardiovascular & Urology APIs

API Name	Use	Treats / Targets	Classification
Alprostadil Alfadex, USP	Erectile dysfunction and vasodilation therapy	Erectile dysfunction; vascular insufficiency (vasodilation therapy)	Commercial
Papaverine HCL, USP	Smooth muscle relaxation and vasodilation	Vasospasm; erectile dysfunction support (intracavernosal combinations)	Commercial
Brimonidine Tartrate, USP	Ocular pressure reduction and vasoconstriction	Glaucoma; ocular hypertension	Commercial

## Metabolic & CNS APIs

API Name	Use	Treats / Targets	Classification
Metformin HCL, USP	Improves insulin sensitivity	Type 2 diabetes; insulin resistance; PCOS (common clinical use)	Commercial
Bupropion HCL, USP	Depression and smoking cessation support	Major depressive disorder; seasonal affective disorder; smoking cessation	Commercial
Naltrexone, USP	Opioid antagonist; addiction treatment support	Alcohol use disorder; opioid dependence (relapse prevention)	Commercial
Phentermine HCL, USP	Short-term appetite suppression	Obesity (short-term adjunct)	Commercial
Ketamine HCL, USP	Anesthesia; pain management; antidepressant mechanisms	Anesthesia; acute pain; treatment-resistant depression (specialty protocols)	Commercial

## Hormonal & Endocrine APIs

API Name	Use	Treats / Targets	Classification
Testosterone Micronized, USP	Testosterone replacement therapy	Male hypogonadism / low testosterone	Commercial
Testosterone Cypionate, USP	Long-acting TRT injectable	Male hypogonadism / low testosterone	Commercial

API Name	Use	Treats / Targets	Classification
Testosterone Enanthate, USP	Endocrine and muscle support (TRT form)	Male hypogonadism / low testosterone	Commercial
Testosterone Undecanoate, USP	Extended-release testosterone therapy	Male hypogonadism / low testosterone	Commercial
Progesterone Micronized, USP	Hormone replacement therapy	Progesterone deficiency; menstrual irregularities; menopausal hormone support (context-dependent)	Commercial
Clomiphene Citrate, USP	Ovulation induction and fertility support	Infertility due to ovulatory dysfunction; fertility support	Commercial
Enclomiphene Citrate, USP	Endogenous testosterone stimulation	Secondary hypogonadism support (endogenous testosterone stimulation)	Commercial

## Anabolic & Restricted APIs

API Name	Use	Treats / Targets	Classification
Oxandrolone, USP	Anabolic support; muscle recovery	Catabolic states; muscle wasting support (e.g., severe weight loss contexts)	Commercial
Oxymetholone, USP	Hematologic and anabolic support	Aplastic anemia support; muscle wasting support (specialty use)	Commercial
Nandrolone Decanoate, USP	Bone density and muscle support	Osteoporosis support; anemia support; muscle wasting support (context-dependent)	Commercial

# Research Use Only (RUO) APIs

RUO APIs are supplied strictly for laboratory and preclinical research and are not approved for human use.

API Name	Use	Treats / Targets	Classification
TB-500	Tissue repair and regenerative research; angiogenesis and cellular migration studies	Wound healing models; muscle, tendon, and ligament repair research; soft-tissue regeneration; inflammation and recovery pathways	RUO
AOD-9604	Fat metabolism and weight-loss research	Obesity/weight-loss pathways; lipolysis and adiposity models	RUO
BPC-157	Tissue repair and gut healing research	GI injury/ulcer models; tendon/ligament healing models; wound repair research	RUO
Bremelanotide (PT-141)	Sexual function research	Hypoactive sexual desire disorder (HSDD) research; sexual arousal dysfunction models	RUO
Cagrilintide	Appetite regulation and obesity research	Obesity and weight-management research; appetite/satiety modulation	RUO
CJC-1295 (with DAC)	Long-acting growth hormone (GH) release research	GH deficiency research; body composition and recovery models	RUO
CJC-1295 (without DAC)	Short-acting GH release research	GH-axis research; pulsatile GH stimulation models	RUO
Copper Peptide (GHK-Cu)	Skin repair and regenerative research	Wound healing; skin remodeling; hair/skin regeneration models	RUO
Dihexa	Cognitive enhancement research	Cognition and synaptogenesis models; neurodegeneration research (e.g., Alzheimer's models)	RUO

<b>API Name</b>	<b>Use</b>	<b>Treats / Targets</b>	<b>Classification</b>
Elamipretide (SS-31)	Mitochondrial dysfunction research	Mitochondrial myopathies and dysfunction models; cardiometabolic mitochondrial research	RUO
Examorelin (Hexarelin)	GH secretagogue research	GH-axis research; anabolic/recovery models; cardiometabolic research models	RUO
FOXO4-DRI	Senolytic and anti-aging research	Cellular senescence targeting; age-related disease models (fibrosis, degenerative conditions)	RUO
HGH Fragment 176-191	Fat metabolism research	Lipolysis/adiposity models; obesity research	RUO
Ipamorelin	Growth hormone release research	GH-axis research; body composition and recovery models	RUO
Mazdutide	Metabolic disorder research	Obesity and type 2 diabetes research; metabolic syndrome models	RUO
MOTS-c	Metabolic regulation research	Insulin resistance/metabolic syndrome models; mitochondrial-derived peptide research	RUO
NAD+ (Oxidized)	Cellular energy and DNA repair research	Aging and mitochondrial function research; DNA repair and neuro-metabolic models	RUO
Oxytocin	Neurobehavioral research	Social behavior research (e.g., autism/social cognition models); stress/anxiety-related behavior models	RUO

API Name	Use	Treats / Targets	Classification
Retatrutide	Triple agonist obesity research	Obesity and metabolic disease research (weight loss, glycemic control models)	RUO
Selank	Anxiolytic research	Anxiety/stress-related behavior models; nootropic/ anxiolytic research	RUO
Semaglutide	GLP-1 metabolic research	Type 2 diabetes and obesity pathways research; appetite and glycemic control models	RUO
Semax	Neuroprotection research	Stroke/ischemia neuroprotection models; cognitive and recovery research	RUO
Sermorelin Acetate	Growth hormone stimulation research	GH-axis stimulation research; GH deficiency and recovery models	RUO
Stanozolol	Muscle physiology research	Muscle wasting/strength physiology models; anabolic research	RUO
Tesamorelin Acetate	GH axis and lipodystrophy research	HIV-associated lipodystrophy pathways research; visceral fat reduction models	RUO
Thymosin Beta-4	Wound healing research	Wound repair and tissue regeneration models; corneal/cardiac repair research	RUO
Thymopentin (PREZATIDE)	Immunomodulation research	Immune function and T-cell modulation models; immunodeficiency/ immune recovery research	RUO
Tirzepatide	Dual incretin metabolic research	Type 2 diabetes and obesity pathways research; glycemic control/ weight-loss models	RUO

## Regulatory Disclaimer

Research Use Only = (RUO) APIs. Commercial APIs are supplied exclusively to licensed and credentialed facilities in accordance with applicable FDA, DEA, and state regulations.