

PRODUCT LIST



ACTIVE PHARMACEUTICAL INGREDIENTS (APIs)

Iohexol

A generic non-ionic radiographic contrast agent. Bulk powder ready for formulation. Meets the latest versions of EP, USP and JPC pharmacopoeias.

Iodipamide

A generic radiographic contrast medium for intravenous cholecystography and cholangiography. Bulk powder ready for formulation.



Trospium chloride

Used for antimuscarinic treatment of overactive bladder (OAB), urinary incontinence. Offered as an API ready for formulation.

¹⁰B enriched 4-Borono-L-phenylalanine (BPA)

A delivery agent of ¹⁰B used for treating melanomas and malignant brain tumors by Boron Neutron Capture Therapy (BNCT).

Cloпамide

A diuretic and antihypertensive agent with piperidine based skeleton and thiazide-like diuretic properties, inhibiting the NaCl co-transporter.



Dithiaden

Strong and selective oral antihistaminic, slightly sedative, with no anti-adrenergic and low anti-cholinergic and anti-serotonin effects.

Trimecaine ·HCl (Mesocaine ·HCl)

Amid type, lipophilic, local anesthetic, with very low incidence of allergic reactions compared to the ester type anesthetics.



Troxerutin

A hydrosolubilized rutin used topically, orally or intravenously for suppression of peripheral venous inflammatory disorders such as chronic venous insufficiency.

For purchase or sample request, please contact our office:

Interpharma Praha, a.s.
Komořanská 955, Praha 12 - Modřany
143 10 Czech Republic
tel.: +420 241 773 242, fax: +420 241 773 235

Ms. Edita Ptačinská (worldwide, except Russia & CIS countries)
e-mail: ptacinska@interpharma-praha.cz

Ms. Natalia Zinkova (Russia & CIS countries)
e-mail: zinkova@interpharma-praha.cz

Representation in the U.S.
Otsuka/Interpharma
100 Overlook Drive - First Floor
Princeton, NJ 08540 U.S.A
tel.: 301.212.8500, fax: 240.399.6270
e-mail: interpharma-usa@comcast.net



GMP NUTRACEUTICALS

Regrapex-R[®] (whole red grape extract with 10% resveratrol)

Such balanced whole grape extract is superior to a manipulated single product in protecting cardiovascular system. Its development as a food supplement is based on the famous "French paradox".

Regrapex-R[®] forte (whole red grape extract with 35% resveratrol)

Other standardizations are possible according to the customer's needs.

Resveratrol HP (High Purity product, 98%)

Antihyperlipidemic and antihypertensive effects, cholesterol lowering capabilities, salutary effects on cellular growth regulation and immune responses.

Resveratrol Glycon HP (High Purity product, 98%)

Same biological effects as Resveratrol HP, but with an extra added value – better bioavailability, solubility and formulability into functional foods and drinks.

Hepacept[®] (synergistic composition of 6 plant extracts)

The herbs contained in Hepacept[®] have anti-inflammatory properties and are traditionally utilized as preventative agents for gastrointestinal protection and liver regeneration.

Bio-Quercetin (50% Isoquercitrin = Quercetin glucoside)

Quercetin has antioxidant, anti-proliferative, cell growth regulating properties. Bio-Quercetin consists of 50% quercetin glucoside, its better bioavailable form.

Bioswellix (38% ABA + AKBA acetylated boswellic acids)

The most active boswellic acids of *Boswellia serrata* have strong anti-inflammatory activity and are used against asthma, skin diseases, arthritis, gastro-intestinal and liver afflictions.

Diindolylmethane (98 % DIM)

A dietary indole of clinically suggested usefulness in precancerosis of the uterine cervix and larynx papillomatosis. Recently proposed as a breast and prostate cancer preventative.



DERMO-COSMETICS (HAIR LOSS CARE)

Eucapil[®]

A new cosmetic product for topical approach to hair loss. Contains a new patented molecule, fluridil, developed for topical treatment of androgenetic alopecia (AGA). Clinically tested.





Regrapex-R[®] (French whole red grape extract with 10% resveratrol)

- Made from high quality grapes grown in the wine region of Southern France.
- Such balanced whole grape extract is superior to a manipulated single product.
- Preliminary results show that daily consumption of grape polyphenols induces a cholesterol lowering effect, probable explanation of the "French Paradox", a lower incidence of cardiovascular diseases in wine regions of France, despite high fat diet.
- Standardized to 10% naturally balanced complex of *trans*-resveratrol and *trans*-resveratrol glucoside, better bioavailable form of resveratrol.
- Polyphenols standardized to min. 50% (Folin method, calculated as GAE).
- Maintains a natural balance of all salutary polyphenols (OPCs, flavonoids, phenolic acids, resveratrolsides, anthocyanines).
- Stability studies support a 3 year shelf life.

Regrapex-R[®] (French whole red grape extract with 35% resveratrol)

- Standardized to 35% naturally balanced complex of *trans*-resveratrol and *trans*-resveratrol glucoside, better bioavailable form of resveratrol.
- Other standardizations are possible according to the customer's needs.

Resveratrol HP (High Purity product, 98%)

- Highly purified *trans*-resveratrol, controlled by HPLC according to ICH Q3A / Q6A guidelines for active pharmaceutical ingredients.
- Has antihyperlipidemic and cholesterol lowering capabilities.
- Salutary effects on cellular growth regulation and immune responses.
- Antioxidant, free-radical scavenging and antihypertensive effects.
- Resveratrol became one of the most scientifically studied polyphenols beneficial for human health.

Resveratrol Glycon HP (High Purity product, 98%)

- Highly purified *trans*-resveratrol glucoside, controlled by HPLC according to ICH Q3A/Q6A guidelines for active pharmaceutical ingredients.
- Same biological effects as Resveratrol HP, but with extra value – better bioavailability & solubility.
- Can be easily formulated into functional foods and drinks (up to 400 mg/L).
- Resveratrol and its glucoside are made from the dried roots of Japanese Knotweed (*Polygonum cuspidatum*), used in traditional Asian medicines as lipid-lowering and anti-inflammatory treatment.
- Stability studies support a 3 year shelf life of both HP products.
- Both HP products contain no other residual solvent than ethanol (by GC headspace).

More info about Resveratrol on our web: www.resveratrolforhealth.com, www.redwinepolyphenols.com

The recent news about Resveratrol anti-aging and other effects:

- 1) "Resveratrol sharply extended the lifetime of mice", (*Resveratrol improves health and survival of mice on a high-calorie diet*, *Nature* 2006, Nov 16; 444(7117): 280-1)
- 2) "Resveratrol mimics caloric-restriction & inhibits aging in mice, (*A low dose of dietary Resveratrol partially mimics caloric restriction & retards aging parameters in mice*", *PLoS ONE*, 2008 Jun 4; 3(6): e2264)
- 3) "Resveratrol may protect against fatty liver in alcoholics" (*Resveratrol Alleviates Alcoholic Fatty Liver in Mice*, *Am J of Physiology – Gastrointestinal & Liver Physiology*, doi: 10.1152/ajpgi.90358.2008)

- 4) "Resveratrol may protect against diabetes and obesity" (*Resveratrol improves mitochondrial function and protects against metabolic disease...*, Cell, Doi: 10.1016/j.cell.2006.11.013)
- 5) "Resveratrol, Curcumin & Boswellia are natural immunomodulators with an excellent safety profile and a promising potential for treating inflammations ..." (*A review of complementary and alternative approaches to immunomodulation*, Nutr Clin Pract. 2008 Feb;23(1):49-62)

Hepacept® (synergistic composition of 6 plant extracts)

- Made from 6 concentrated and standardized plant extracts used in traditional Chinese, Japanese and Ayurvedic medicines.
- Contains 6 purified extracts from Knotweed (resveratrol), Frankincense (Bioswellix), Turmeric (curcumin), Milk Thistle (silymarin), Scullcap (baicalin), with proven anti-inflammatory, gastrointestinal and liver protective effects.
- Small amount of black pepper extract is added for increasing bioavailability.
- Proven synergistic effect of the components compared to isolated compounds.
- Contains Bioswellix, min. 38% of the most active acetylated boswellic acids produced in a unique quality by patented technology at Interpharma Praha.

Bioswellix (38% ABA+AKBA acetylated boswellic acids)

- Contains the most active acetylated boswellic acids isolated from the resin of the Olibanum tree (*Boswellia serrata*), an Indian plant, used in Ayurvedic medicine.
- Boswellic acids have strong anti-inflammatory activity and are used against asthma, skin diseases, arthritis, gastro-intestinal (Crohn's disease) and liver afflictions.
- Standardized to min. 38 % (w/w) of the most active boswellic acids AKBA + ABA.
- The content is determined by HPLC as weight %, not just by titration.
- Bioswellix is produced in the unique quality by Interpharma own patented process.
- Boswellic acids are used in many joint relief food supplements against arthritis.

Bio-Quercetin (50% Isoquercitrin, Quercetin glucoside)

- Quercetin is also one of the most extensively studied plant flavonoids.
- Among other benefits, such as anti-oxidant and free-radical scavenger, it has cell-growth regulating properties, suggesting cancer preventative value.
- Is made from the seedpods of a Fava d'anta tree (*Dimorphandra molis*), used in traditional Brazilian medicine as anti-inflammatory and wound-healing treatment.
- Contains quercetin in its most bioavailable form of a glucoside (isoquercitrin), whose benefits over quercetin are well documented.
- Can be easily formulated into functional drinks in up to 400 mg/L.
- Standardized (w/w by HPLC) to min. 50% isoquercitrin and 30-40% (w/w) rutin.

DIM (98% Diindolylmethane)

- Dietary indole, which in nature is derived from I3C (indole-3-carbinol), its natural precursor found in *Brassicaceae* plants - broccoli, cabbage.
- Clinical studies suggest usefulness in precancerosis of the cervix of uterus and papillomatosis of the larynx. Recently proposed as a prostate cancer preventative.
- DIM, compared to I3C, has better bioavailability, more predictable response and no side effects.
- Produced by unique IPP technology and marketed in a capsule formulation by BioResponse (U.S.A.).

All of our bulk nutraceuticals are produced under Good Manufacturing Practice (GMP) with the highest content of active ingredients being standardized and strictly analytically controlled. They are easily formulated into hard gelatine capsules, with no need for additional inert carriers.

For more information on our products, their specifications and links to many scientific articles, please visit our website at: www.interpharma-praha.com