

Pterostilbene Supreme

A Methylated Resveratrol Formula

DESCRIPTION

Pterostilbene Supreme, by Douglas Laboratories, provides pterostilbene, a methylated resveratrol that is naturally occurring in berries. This formula also contains resveratrol, curcumin and vitamin D3 which can function synergistically with pterostilbene to support cardiometabolic health as a PPARR agonist, mitochondrial function by way of SIRT1 activation, and overall healthy aging. †

FUNCTIONS

Pterostilbene, a methylated form of resveratrol is considered the next generation of resveratrol. Pterostilbene has advantages over resveratrol: superior biological activity, better oral bioavailability, and slower metabolism in the body. pTeroPure™ pterostilbene is a nature identical form of trans-pterostilbene, a stilbene found in certain berries. The enhanced activity of pterostilbene compared to resveratrol may, in part, be explained by structural differences. Pterostilbene with two methoxy groups and one hydroxyl group has greater lipophilicity and a higher potential for cellular uptake than resveratrol, which has three hydroxyl groups. Pterostilbene showed strong inhibitory activity, much more than resveratrol, against a particular form of cytochrome P450. Researchers have suggested that these two compounds also work synergistically, supporting the theory that a combination of pterostilbene and resveratrol in a formulation may be more effective than using these ingredients separately.

Both pterostilbene and resveratrol support mitochondrial function and healthy aging by activating SIRT1, one of the key enzymes of the sirtuin family. Sirtuins, a class of proteins, have been implicated in influencing aging and regulating transcription, apoptosis and stress resistance, as well as energy efficiency and alertness during low-calorie situations. † Pterostilbene also supports cardiovascular health; results from in vitro studies showed that pterostilbene acts as a PPARR agonist and may be a more effective PPARR agonist and hypolipidemic agent than resveratrol. In vivo studies demonstrate that pterostilbene supports glucose metabolism. † Pterostilbene Supreme also contains Resvida™, a pure resveratrol clinically studied for its safety. Resvida™ resveratrol is unique as it is not a plant extract and is not derived from plant sources, therefore presents no risk for contamination with pesticides and other potentially unwanted compounds. Studies indicate resveratrol may be supportive in maintaining the normal aging process by helping to prevent free radical damage that can lead to premature aging of cells. †

Studies have shown that curcumin, a naturally occurring group of compounds from turmeric, function as powerful antioxidants and can help support neurological and cardiovascular function.† Since curcumin exhibits poor oral absorption in the body, Douglas Labs has chosen a highly bioavailable curcumin called MERIVA®. Pharmacokinetic comparison studies have shown MERIVA® to have up to a 20-fold improvement in bioavailability versus the standard 95% turmeric extracts due to proprietary PHYTOSOME technology which increases hydrolytic stability. Vitamin D, curcumin and resveratrol/pterostilbene share many common targets and points of overlap in gene regulation, signal transduction and therapeutic effects. The nature of this overlap suggests synergy upon combination, potentially leading to an influence on cardio-protective pathways. Japanese wasabi with a specially standardized broccoli sprout concentrate and organic pomegranate extract are added to this formula to support the body's natural antioxidant and detoxification processes. † Sulforaphane, an ITC found in broccoli, has been found to significantly increase the activity of detoxification enzymes (cytochrome P450).

INDICATIONS

Pterostilbene Supreme may be a useful supplement for individuals wishing to consume a powerful combination of antioxidants and vitamin D for cardiovascular health or longevity support.

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FORMULA (#200901)

1 Vegetarian Capsule Contains:

Vitamin D-3.....1000 IU
 MERIVA® Curcumin Phytosome250 mg
 (Curcuma longa extract, rhizome)/
 Phosphatidylcholine (soy) complex
 Resveratrol (as trans-resveratrol)100 mg

Pterostilbene (pTeroPure™).....50 mg
 Proprietary Cruciferous150 mg

Vegetable and Fruit Blend:

Wasabia japonica (rhizome, providing 600 mcg
 total glucosinolates), Broccoli powder (sprout)
 (BroccoPhane™) (standardized to contain 200 mcg of sulforaphane)
 and Organic Pomegranate powder (fruit).

Other ingredients: Cellulose (capsule), calcium citrate, microcrystalline cellulose, vegetable stearate, silica and titanium dioxide.



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SUGGESTED USE

Adults take 1 capsule daily with meals or as directed by your healthcare professional.

SIDE EFFECTS

No adverse side effects have been reported.

STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

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For more information on Pterostilbene Supreme visit douglaslabs.com

† 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.

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Your patients trust you.**