



pTeroPure®

The only patented and clinically studied pterostilbene

pTeroPure® Pterostilbene

99% Pure Nature-Identical Form of trans-Pterostilbene (tero-STILL-bean)

Blueberries, like other small berries, contain pterostilbene (pronounced tero-STILL-bean), a powerful natural antioxidant. While pterostilbene is naturally produced by blueberries, this valuable antioxidant is only available in small amounts in each blueberry. In fact, one would need to consume several hundred pounds of blueberries to obtain a clinically-relevant amount of pterostilbene.*

Features of pTeroPure®:

- › A pure (>99%) all-trans pterostilbene with several patents issued or pending
- › Only pterostilbene with sanctioned human clinical trials
- › Only pterostilbene with GRAS status
- › A PPAR α agonist
- › Has significant advantages over resveratrol:
 - › Superior bioavailability - 80% vs. 20%
 - › 7 Times longer half-life in the body
 - › Greater oral absorption & metabolic stability
 - › 2-4 Times greater cellular uptake



pTeroPure® Clinical Study

A new phase 2/3 clinical study was conducted by the University of Mississippi Medical Center which evaluated pTeroPure for multiple health benefits.¹ Primary endpoints of the study were blood pressure, body weight and blood lipids. These markers were assessed at both the beginning and the end of the study. The study showed statistically significant results for blood pressure in study participants taking pTeroPure pterostilbene. In addition, the study verified that pterostilbene is safe for humans.



pTeroPure® promotes **heart health** by helping to maintain healthy systolic and diastolic blood pressure levels already within normal ranges*

¹Riche DM, Deschamp D, Griswold ME, McEwen CL, Riche KD, Sherman JJ, Wofford MR. Impact of pterostilbene on metabolic parameters in humans. Poster presentation at: American Heart Association 2012 Scientific Sessions on High Blood Pressure Research, September 20, 2012.

pTeroPure® Applications



Heart Health*

- › Promotes heart health by helping to maintain healthy systolic and diastolic blood pressure levels already within normal ranges*
- › Supports healthy blood flow and circulation*

Cognitive Function*

- › May improve memory and mental focus*
- › May enhance mood and feeling of well-being*
- › Calming, may reduce stress, anxiety and nervous tension*

Anti-aging Antioxidant*

- › May help fight free radicals caused by oxidative stress*
- › Supports healthy cellular aging with powerful antioxidant activities*

Blood Sugar/Weight Management*

- › May help support healthy blood sugar levels by raising the body's production of insulin*
- › Supports healthy metabolism and helps regulate the body's use of energy*
- › May support a healthy weight loss program*

Sports Nutrition*

- › Promotes nitric oxide synthesis via ENOS pathway*
- › May advance healthy recovery*
- › May improve mitochondria function*

pTeroPure® and Your Products

ChromaDex®, Inc. is an innovative natural products company that provides proprietary, science-based solutions and ingredients to the dietary supplement, food & beverage, animal health, cosmetic and pharmaceutical industries.

- › pTeroPure is self-affirmed Generally Recognized As Safe (GRAS)
- › Maximum daily allowable dose of 1890 mg with an average recommended daily amount between 50 mg and 150 mg
- › Superior to natural extracts due to its high purity and its sustainable source material.
- › Greater oral absorption and metabolic uptake than resveratrol



ChromaDex holds exclusive worldwide manufacturing and use patent rights for pterostilbene based on technology licensed from the University of Mississippi and the USDA for indications such as heart health, memory improvement, anxiety and neuroprotection.

Patents:

- › Cholesterol (University of Mississippi) - ISSUED
- › Oxidative stress and neuroprotection for cognitive function (University of Mississippi) - PENDING
- › Anxiolytic activity (University of Mississippi) - PENDING
- › Manufacturing process (Laurus Labs) - PENDING
- › Non-melanoma skin cancer (jointly with U.C. Irvine) - PENDING
- › Cholesterol in combination with statins - PENDING

For more information on pTeroPure, please contact us at:



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