

Pregnenolone 25 mg

Micronized



Clinical Applications

- Promotes Normal Hormonal Balance*
- Supports Mood Regulation*
- Helps Maintain Healthy Memory and Cognitive Function*
- Supports the Stress Response System
- Supports Learning and Memory*
- Supports healthy adrenal gland function*

Physiologically active pregnenolone, derived from natural diosgenin sterols, is micronized to a very small particle size to facilitate absorption.

All Adaptogen Research Formulas Meet or Exceed cGMP Quality

Discussion

- **Pregnenolone** plays a key role in hormonal balance as a key precursor to cortisol, dehydroepiandrosterone (DHEA) and progesterone, and helps to maintain balance in the body's stress response system. In addition, pregnenolone has been shown to support a balanced mood and promote cognitive health by modulating the transmission of messages between neurons, influencing learning and memory processes. Since there is strong evidence that pregnenolone levels diminish with advancing age, restoring these levels may also help support overall brain function and sense of well-being.
- **Pregnenolone** is a prohormone that is synthesized in the brain and adrenals, but also in the liver, skin, brain, testicles, ovaries, and retina. As a biochemical precursor to DHEA and progesterone, pregnenolone helps maintain a normal balance between these hormones in the body and as a result, helps to modulate the cortisol-driven stress response system, support nerve cell growth and modulate mood. In addition to its function as a prohormone, pregnenolone is a neurosteroid that is found in high concentrations in the brain where it protects neurons, enhances myelination and supports cognitive health and memory. Pregnenolone supplementation is particularly important for those who have been found to have deficient hormone levels through testing, as well as those who need cortisol-to-DHEA ratio support.
- **Pregnenolone** levels naturally peak during youth and begin a long, slow decline with age. Since pregnenolone is the parent compound of other vital neurosteroids such as DHEA¹, declining levels of pregnenolone could leave brain cells increasingly vulnerable to overstimulation by neurotransmitters like glutamate,^{1,2} thereby affecting mood and cognition.

Research has shown pregnenolone to be beneficial for mood support and balance.³ Specifically, pregnenolone is reported to have a positive effect on neuronal excitability and synaptic plasticity, and has many other functions associated with mood regulation, neuroprotection from free radicals, balancing the stress response and improving cognitive performance.³ In a study of 15 adults with mood imbalance, blood levels of pregnenolone were lower among those with low mood, compared to controls.⁴ Among 70 adults with mood imbalance who received either pregnenolone or placebo, the pregnenolone group trended toward greater improvement in mood, relative to the placebo group on rating scales.⁵ Additionally, an eight-week, double-blind, randomized, placebo-controlled study that compared 30 mg/day or 200 mg/day pregnenolone, 400 mg/day of DHEA, and placebo found those given the 30 mg pregnenolone had significant reductions in positive symptom scores along with an improvement in attention and working memory performance. Further improvements were not found among groups given higher amounts of pregnenolone.⁶

***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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Animal studies have demonstrated that both pregnenolone and DHEA support learning and healthy memory among the aging, initiated by balancing the activity of N-methyl-D-aspartate (NMDA) and gamma aminobutyric acid (GABA-A) receptors.^{7,8} Infusions of pregnenolone have been found to reverse memory deficits in animals, and the data suggests pregnenolone increases neuron regeneration and positively influences cognitive processes in senescent subjects, by increasing acetylcholine levels improving neurotransmission.⁹ Additional studies have shown pregnenolone to enhance neuritic outgrowth and growth of myelin, impart neuroprotective effects against free radicals that increase neurogenesis, promote healthy levels of inflammation, modulate the stress response system and increase GABA-A receptor responses. Pregnenolone administration has also been shown to positively modulate NMDA receptors, offering additional benefits for mental health.¹⁰

Supplement Facts	
Serving Size 1 Capsule	
Servings Per Container 100	
Amount Per Capsule	
Pregnenolone (micronized) (derived from wild yam)	25 mg*
*Daily Value not established.	

Other ingredients: Microcrystalline cellulose, vegetarian capsule (hydroxypropyl methylcellulose, water), and ascorbyl palmitate.

Suggested Use

1 capsule, 1 to 2 times daily with food or as directed by a healthcare professional.

Caution

Not for use by individuals under the age of 18 years. Do not use if pregnant, may become pregnant, breastfeeding, or have a history of seizures. This product is not intended for long-term daily use. If you have a medical condition (including a family history of breast, uterine, ovarian, prostate or heart disease) have low HDL cholesterol, or are taking prescription drugs, consult your physician before using this product. **KEEP OUT OF REACH OF CHILDREN.**

References

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