

Phytocannabinoids

Natural support for mood, brain health, and a healthy inflammatory response

What are Phytocannabinoids?

Phytocannabinoids are health-promoting compounds derived from the Cannabis plant. Various Cannabis species supply over 100 cannabinoids but medicine has focused primarily on two of these compounds: tetrahydrocannabinol (THC) and cannabidiol (CBD).

Phytocannabinoids directly interact with cannabinoid receptors in the body, much like a lock and a key. The cannabinoid receptors are part of a unique communication system in the body, known as the endocannabinoid system. This system is laced throughout the central nervous system and distributed among peripheral tissues including the immune and reproductive systems, gastrointestinal tract, brain cells, endocrine glands, arteries, lungs and heart. Phytocannabinoids have been studied for their potential health-supportive effects on the neurological system.

The Benefits of CBD

The phytocannabinoid, cannabidiol (CBD), is harvested from the seeds and stalk fibers of Cannabis sativa L., otherwise known as hemp. The CBD in this product is harvested from Cannabis plants extremely low in the psychoactive compound, THC, and it is an entirely different molecule, with different effects. Studies have found that CBD supports numerous body processes.

- **Proper Inflammatory and Pain Response:** Inflammation is a partner with pain, so helping the body maintain a healthy inflammatory response will also encourage better pain management. CBD helps the central nervous system respond appropriately to stimuli that influence the body's inflammatory response. It also encourages normal levels of cells and enzymes involved in the inflammatory pathways to assist in regulating this response and, thus, help ease pain.
- **Healthy Neurotransmitter Levels:** When CBD activates cannabinoid receptors, it encourages the body to balance its production and secretion of neurotransmitters such as acetylcholine, dopamine, GABA, histamine, serotonin, glutamate, and noradrenaline. Balanced neurotransmitters support a healthy mood, a positive outlook on life, and sharp memory and cognitive function.
- **Supports Gastrointestinal (GI) Health:** The digestive tract appears to have high levels of endocannabinoids. Thus, phytocannabinoids may help to support healthy gastric motility (movements of food through digestive system) as well as a healthy appetite.
- **Immune Health:** Cannabinoid receptors in the immune system help regulate cellular activities in order to maintain a healthy immune response.
- **Protects the Brain and Nervous System:** CBD helps protect the brain and nervous system by supporting balanced neurotransmitters, proper brain stimulation, and healthy cell growth and activity. It also helps maintain a strong blood-brain barrier, which protects the brain from free radicals and toxins.

Phytocannabinoids help support:

- Pain & a healthy inflammatory response
- Brain health and function
- Positive moods and outlook on life
- Immune health
- Gastrointestinal health
- Appetite regulation
- Heart health
- Well-regulated metabolism

Sources

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