

INTEGRATING
WESTERN MEDICINE,
NUTRITION AND
EASTERN TRADITIONS

THE CENTER FOR
**INTEGRATIVE
MEDICINE**

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Dr. Hirt's

FIXALL

Mother Nature's 'Swiss Army' Knife

WHAT IT IS:

- All-natural CBDa (cannabidiolic acid) extract, a member of the cannabinoid family of molecules

WHY YOU NEED IT:

- Important for patients with acute and chronic inflammation and infections
- Supports patients with depression and anxiety
- Targets patients with Cancer, IBS (especially nausea/vomiting), Autoimmune diseases, Seizures, Long-Haul Covid, Epstein Barr Virus, Lyme Disease and Co-Infections, Arthritis, Tendonitis, Bursitis, Neuropathy, Brain Fog, and Chronic Fatigue
- Contains no THC

HOW IT HELPS:

CBDa is just one of many compounds naturally found in cannabis and hemp, which also include their better known molecular cousins, CBD and THC. In the presence of sunlight and heat, CBDa will eventually become CBD.

Our bodies are capable of making their own cannabinoid molecules as part of our inherent endocannabinoid system. In fact, our cells have receptors for cannabinoids that will bind to our own endocannabinoid molecules or other cannabinoid molecules from hemp, cannabis, echinacea, ginseng, black pepper, and broccoli. CBD and THC bind to our cannabinoid cell receptors, CB1 and CB2. However, CBDa is different; it binds to the COX-2 enzyme system and the serotonin-producing 5-HT receptors.

The COX-2 enzyme system may sound familiar to you because it generates most of the inflammation in our bodies. Drugs like aspirin, ibuprofen (Advil, Motrin), naproxen (Aleve), Celebrex, meloxicam (Mobic), and Voltaren all work by blocking COX-2. Unfortunately, these drugs can also be hard on your stomach, liver, and kidneys and are responsible for more than 100,000 hospitalizations annually due to side effects and complications.

Clinical research has shown that CBDa, also binds to COX-2 but does not cause the side effects of the anti-inflammatory drugs.

Most of the CBDa studies are preclinical and animal-based but have additionally shown this molecule to have positive effects on the 5-HT serotonin system that helps us with our moods (depression, anxiety) and our intestinal health (IBS, nausea, vomiting).

One lab-based study (doi.org/10.1021/acs.jnatprod.1c00946) demonstrated CBDa could bind to COVID spike protein and prevent infection. In 2022, this study generated tremendous interest in the potential use of CBDa for the prevention and treatment of COVID infections.

Big Pharma has also taken notice of the powerful healing potential of CBDa. The British-based GW Pharmaceuticals company has taken patents out on the use of CBDa for seizures, inflammatory skin diseases, and cancer.

Controlled and self-limited inflammation is necessary for the body to heal itself. When injured or infected, our bodies send out inflammatory molecules to attract white blood cells and stem cells to help repair damaged tissue and fight infections. When this inflammatory and repair process does not go as planned, then chronic or overly intense inflammation can occur which causes pain and tissue damage.

The genius of CBDa is that it supports the body's healthy and natural ability to resolve inflammation, serotonin imbalances, and other molecular irregularities that cause many of human's most common and troubling symptoms and conditions.

Usual dosage: Take one (1) to two (2) capsules twice daily or as directed. Take preferably on an empty stomach when possible.