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# Cannabinol

National Cancer Institute

## Source

National Cancer Institute. *Cannabinol*. NCI Thesaurus. Code C84510.

A cannabinoid isolated from the plant *Cannabis* that is a metabolite of tetrahydrocannabinol (THC), with potential immunosuppressive and anti-inflammatory activities. Cannabinol preferentially binds to the cannabinoid G-protein coupled receptor CB2, which is mainly expressed on a variety of immune cells, such as T-cells, B-cells, macrophages and dendritic cells. Stimulation of CB2 receptors by cannabinol may both trigger apoptosis in these cells and inhibit the production of a variety of cytokines. Cannabinol exerts minimal affinity for CB1 and has a weak effect on the central nervous system.