



FLAVONOID GUIDE

Flavonoids are plant pigments found in fruits, vegetables, grains, bark, roots, stems, flowers (including the hemp plant), tea & wine. These natural products are well known for their beneficial effects on health & act as traditional antioxidants, that are generally more potent & good for the body.

DOUBLE ZERO

HempFlavin

CANNFLAVIN

- Anti-inflammatory
- Strong pain relief (30 times more potent than aspirin)
- COX-inhibiting
- Non-psychoactive
- Inhibitors of prostaglandin & in E2 synthesis & 5-lipoxygenase
- Possibly anti-cancer & anti-neurodegeneration
- Anti-fungal

QUERCETIN QUERCETIN-3

- Antioxidant
- Anti-inflammatory
- Anti-fibrotic
- Anti-coagulative
- Anti-bacterial
- Anti-atherogenic
- Anti-hypertensive
- Anti-proliferative

ORIENTIN

- Antioxidant
- Antiviral & antibacterial
- Anti-inflammatory
- Vasodilation & cardioprotective effects
- Radioprotective effect
- Neuroprotective/ antidepressant-like effects

C-GLYCOSIDES

- Antioxidant
- Anti cancer
- Anti-tumor
- Anti-inflammatory
- Anti-diabetes
- Antiviral, antibacterial & antifungal

KAEMPFEROL

- Antioxidant
- Reduces the risk of chronic diseases, especially cancer
- Anti-inflammatory
- Antimicrobial
- Cardioprotective & neuroprotective
- Antidepressant

ISOCANNFLAVIN B

- Anti-inflammatory
- Strong pain relief (30 times more potent than aspirin)
- COX-inhibiting
- Non-psychoactive
- Inhibitors of prostaglandin & in E2 synthesis & 5-lipoxygenase
- Possibly anti-cancer & anti-neurodegeneration
- Anti-fungal

APIGEN

- Useful in metabolic syndrome & diabetic
- Wound treatment
- Good for organ transplant
- Anti-hyperalgesic
- Immunosuppressive
- Has anti-inflammatory, antioxidant, & anti-cancer properties
- Potential cancer chemo-preventive agent

NARINGEN

- Possible use in treatment of liver diseases
- Antioxidant
- Antitumor
- Antiviral
- Antibacterial
- Anti-inflammatory
- Antiadipogenic
- Cardioprotective effects
- Immunomodulator

BETA SITOSTEROL

- Anti cancer properties, specifically for prostate, colon & possibly breast cancer
- May be beneficial bolstering insulin release
- Cobra & viper venom neutralization has been recorded
- Has been used to modulate the immune system

EPICATECHIN

- Reduces blood glucose levels in diabetic patients
- Anti cancer effect was attributed to its antioxidant properties
- Antiangiogenic & direct cytotoxicity to cancer cell
- Protective effects against neuronal cell death induced by oxidative stress
- Antioxidants against lipid peroxidation

BAICALIN

- Anti-inflammatory
- Anti-pyretic
- Anti-hypersensitivity
- Anti-tumor, specifically for prostate
- Possible inhibitor of HIV-1 cell production

LUTEOLIN

- Anxiolytic-like effects
- Antioxidant
- Specific anti-inflammatory effects
- Specific anti-carcinogenic effects

CATECHIN

- Anti cancer
- Antioxidant
- Antidiabetic
- Anticardiovascular
- Hepatoprotective
- Neuroprotective effects

LUTEOLIN-7-O

- Possible preventative for cancer
- Therapeutic
- May help prevent hypertension
- Protective against cardiomyocyte damage

CHRYSLIN

- Mitigates neurotoxicity
- Mitigates neuroinflammation
- Mitigates oxidative stress
- Disease preventing
- Inhibitor of cancer cells

RUTIN

- Prevention of neuroinflammation
- Sedative activity
- Anticonvulsant activity, safe for those with epilepsy
- Anti-Alzheimer activity
- Possible antidepressant activity

FISETIN

- Anti-inflammatory
- Anti cancer agent
- A potential medicine for inflammatory disease treatment
- Promotes antitumor activity

KAEMPFEROL -3-O-GLUCOSIDE

- Physical parts of plants offer ultraviolet-B radiation protection
- As both Kaempferol & a glucoside, this may offer similar effects to those listed in either category (ex. Antioxidant, anticancer etc.)

CAFLANONE

- Inhibits COVID-19 virus binding (SARS-CoV-2)
- Supposed to be very effective in inhibiting COVID-19 (especially mother to fetus transmission)
- Selective activity against certain cancers

WOGONIN

- Anti-inflammatory
- Anti cancer
- Possesses potent anti-HBV activity
- Neuroprotective

CANNIPRENE

- Potently inhibits the production of inflammatory eicosanoids & affects the generation of prostaglandins
- Anti-inflammatory
- Anti-arthritis

GLYCOSIDE

- Antimicrobial
- Antibiotic
- Anti-tumor
- Possibly beneficial for use with: Anti-HIV, antidiabetic, antioxidant & anti-inflammatory

CANNABISIN D

- Anti-glioblastoma agent
- Presented effective inhibitory effects on the proliferation & migration of glioblastoma cells.

PELARGONI-DIN-3-O-GLUCOSIDE OR "CALLISTEPHIN"

- Antioxidant
- Neurodegenerative disease inhibitor
- Targets inflammation



CANNABISIN A

- SARS-CoV-2 Mpro inhibitor
- Stronger bind to SARS-CoV-2 Mpro than current reliable inhibitor compounds

CANNABISIN B

- Possesses considerable antiproliferative activity
- Anti cancer properties
- Chemopreventive agent

CANNABISIN F

- Anti-inflammatory
- Antioxidant

THC FREE

