

Delta-8-THC Explained



If you follow the cannabis industry, I'm sure you have been hearing a lot about new cannabinoid products being unveiled. Lately, there is a lot of hype surrounding delta 8 THC, but with all the attention it is receiving, I'm sure you are probably wondering what all the fuss is about. Could it just be a way for companies to cash in on a trending cannabinoid?

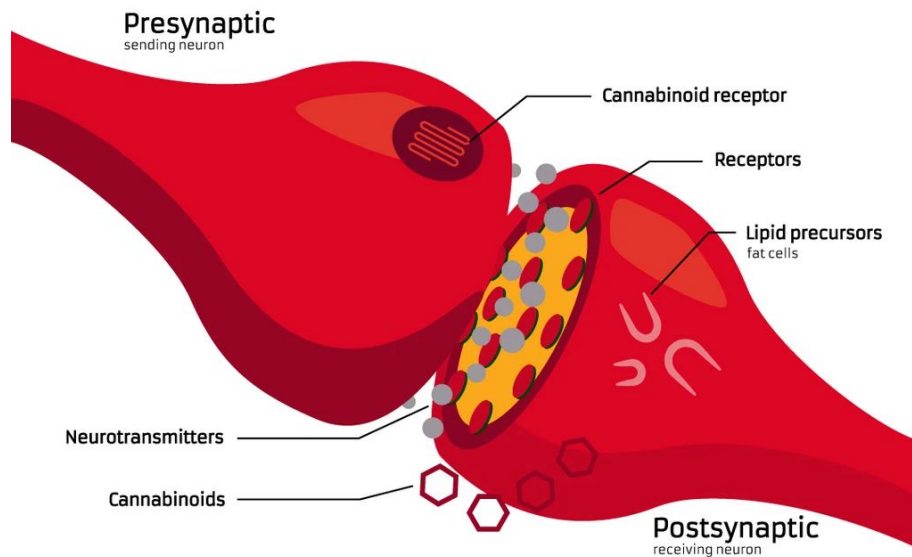
The fact is that Delta-8-THC is the real deal!

What is Delta 8 THC?

Delta 8 THC is a specific form of THC existing in small concentrations throughout cannabis plants. Processing companies concentrate the cannabinoid through extraction methods.¹

¹ "Delta 8 THC: What is it and what does it do? Is it different than" 29 Mar. 2019, <https://growersnetwork.org/processing/delta-8-thc/>. Accessed 21 Jul. 2020.

Delta 8 THC and Delta 9 THC Key Differences



Although Delta 8 THC and Delta 9 THC are similar by name, they are each separate compounds that distinctly possess different characteristics. There are some pretty key differences that express why Delta 8 THC was declared federally legal by [H.R. 2: The Agricultural Improvement Act of 2018](#) and Delta 9 THC was constrained to a maximum content level of 0.3%.

Delta-8-THC differs from delta-9-THC because of where the double bond structure occurs. Delta-8 has a double bond in the 8th position, while delta-9 has a double bond in the ninth. The most important key differentiator between the two is the way they

attach to receptors. Just like CBD, delta-8-THC binds with both the CB1 and CB2 receptors, unlike delta-9 which binds solely to CB1.²

Delta 8 THC Medicinal Value



Delta 8 THC has medicinal value for assisting with various symptoms such as:

- Pain
- Loss of appetite
- Nausea
- Anxiety
- Protection of brain cells³

² "Demystifying Delta 8 THC, Delta 9 THC & THCA | Urban" 19 Aug. 2019, <https://www.urbanfarmacypdx.com/2019/08/19/demystifying-delta-8-thc-delta-9-thc-thca/>. Accessed 21 Jul. 2020.

³ "The Therapeutic Benefits Of Medicating with Delta-8 THC." 14 Aug. 2018, <https://www.trulieve.com/blog/the-therapeutic-benefits-of-medicating-with-delta-8-thc>. Accessed 21 Jul. 2020.

Delta-8-THC Effects

The value of this cannabinoid is mostly in its low potency, this results in reduced psychoactive effects. Ingesting high doses of delta-8-THC results in reduced anxiety compared to delta-9-THC. Decreased potency, in addition to the substance's various medicinal properties, drove researchers to further examine its conversion. Their conclusion was that delta-8-THC causes similar effects psychoactively to delta-9-THC but with 50-75% reduced potency.

Describing Delta 8 THC

Delta-8-THC is described often as being an easier, more withstandable type of traditional THC, inducing semi-sedative physical effects and limited mental effects allowing those who consume it the ability to remain focused and continue completing their job tasks while receiving the calming traits that are sought after from THC.⁴

In Conclusion

Delta-8-THC and Delta-9-THC are quite similar, with a few differences structurally. Most people that think of the THC found in cannabis are thinking of Delta-9-THC. It is the more well-known version of THC and is more abundant within cannabis. Both Delta-8-THC and Delta-9-THC make up higher quantities compared to other

⁴ "What Is Delta-8-THC and How Is It Different from Delta-9" 8 Mar. 2018, <https://www.leafly.com/news/science-tech/what-is-delta8-thc>. Accessed 21 Jul. 2020.

cannabinoids and are considered to be 4 of the major cannabinoids. Still yet, the quantities that are existent within the cannabis plant differ vastly.⁵

While delta-9-THC normally can be found in cannabis making up full percentages, delta-8-THC is only contained in less than a percent. That makes finding delta-8-THC products tougher because product manufacturing must be done through increased concentration. This can be accomplished through various methods, like converting delta-9-THC into delta-8-THC for example.⁶

The two forms of THC produce similar effects but in different forms. Delta-8-THC effects are less potent producing a “buzz” that allows users to maintain a clear mind.

Delta-8-THC remains lesser-known but presents huge potential for the treatment of various conditions.⁷

[If you would like to learn more about Delta-8-THC visit our blog.](#)



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⁵ "Cannabis, a complex plant: different compounds and different"
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3736954/>. Accessed 21 Jul. 2020.

⁶ "Cannabis, a complex plant: different compounds and different"
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⁷ "Delta 8 THC: What is it and what does it do? Is it different than" 29 Mar. 2019,
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