

Jonathan Speare

02/07/2024 - In Progress Research Summary for Synthetic Cannabinoids Council

Colorado Synthetic Cannabinoids Task Force

<https://sbg.colorado.gov/med/205-Task-Force>

Colorado Synthetic Cannabinoids Task Force Report:

https://drive.google.com/file/d/1Kj4_VNIUQsN9ft468iGpIHsMv45PbV1L/view?usp=sharing

Patents

- Making d8-THC, d10-THC, or CBN from CBD -
[https://patents.google.com/patent/WO2020252277A1/en?q=\(delta-10+thc\)&oq=delta-10+thc](https://patents.google.com/patent/WO2020252277A1/en?q=(delta-10+thc)&oq=delta-10+thc)
- Conversion of CBD to d8-THC -
[https://patents.google.com/patent/US11753390B2/en?q=\(tetrahydrocannabinol\)&oq=tetrahydrocannabinol](https://patents.google.com/patent/US11753390B2/en?q=(tetrahydrocannabinol)&oq=tetrahydrocannabinol)
- Continuous conversion of CBD to d8-THC and d9-THC -
[https://patents.google.com/patent/US11851414B2/en?q=\(CBD+%CE%949-THC\)&oq=CBD+%CE%949-THC](https://patents.google.com/patent/US11851414B2/en?q=(CBD+%CE%949-THC)&oq=CBD+%CE%949-THC)
- Conversion of CBD to d8-THC -
[https://patents.google.com/patent/US11753390B2/en?q=\(tetrahydrocannabinol\)&oq=tetrahydrocannabinol](https://patents.google.com/patent/US11753390B2/en?q=(tetrahydrocannabinol)&oq=tetrahydrocannabinol)
- Converting d9-THC to d10-THC -
[https://patents.google.com/patent/US11542243B1/en?q=\(%CE%9410-THC\)&oq=%CE%9410-THC](https://patents.google.com/patent/US11542243B1/en?q=(%CE%9410-THC)&oq=%CE%9410-THC)
- Converting CBD or THCA to d9-THC and d8-THC -
<https://patents.google.com/patent/WO2021086675A2/en>

Synthetic cannabinoid analogs are being explored for FDA approval as drugs:

<https://180lifesciences.com/synthetic-cannabinoid-analogs-program/>

Suggestion for a definition for “Manufacture” as used in HB0948 (if there is no applicable definition in statute):

The term “manufacture” means the production, preparation, propagation, compounding, or processing of a substance, either directly or indirectly or by

extraction from substances of natural origin, or independently by means of chemical synthesis or by a combination of extraction and chemical synthesis, and includes any packaging or repackaging of such substance or labeling or relabeling of its container; except that such term does not include the preparation, compounding, packaging, or labeling of a substance in conformity with applicable State or local law by a practitioner as an incident to their administration or dispensing of such substance in the course of their professional practice.

The definition is a modified version of the definition found here:

<https://www.law.cornell.edu/uscode/text/21/802#15>