

Hemp-Derived THC Products

Research Program

Tyler Watson, PhD, MPH

Sarah Okey, PhD

Nick Glodosky, PhD

E&E

Captain Matt Murphy

Captain Kandra Tinnerstet



“Hemp-Derived THC Products”

Products derived from hemp (as defined by the 2018 Farm Bill) but contain detectable levels of THC and is illegal to sell in Washington State outside of regulated cannabis retail stores.



Washington State Liquor and Cannabis Board

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THC Analogs Isomers vs. Derivatives

nsc
Alcohol, Drugs &
Impairment Division

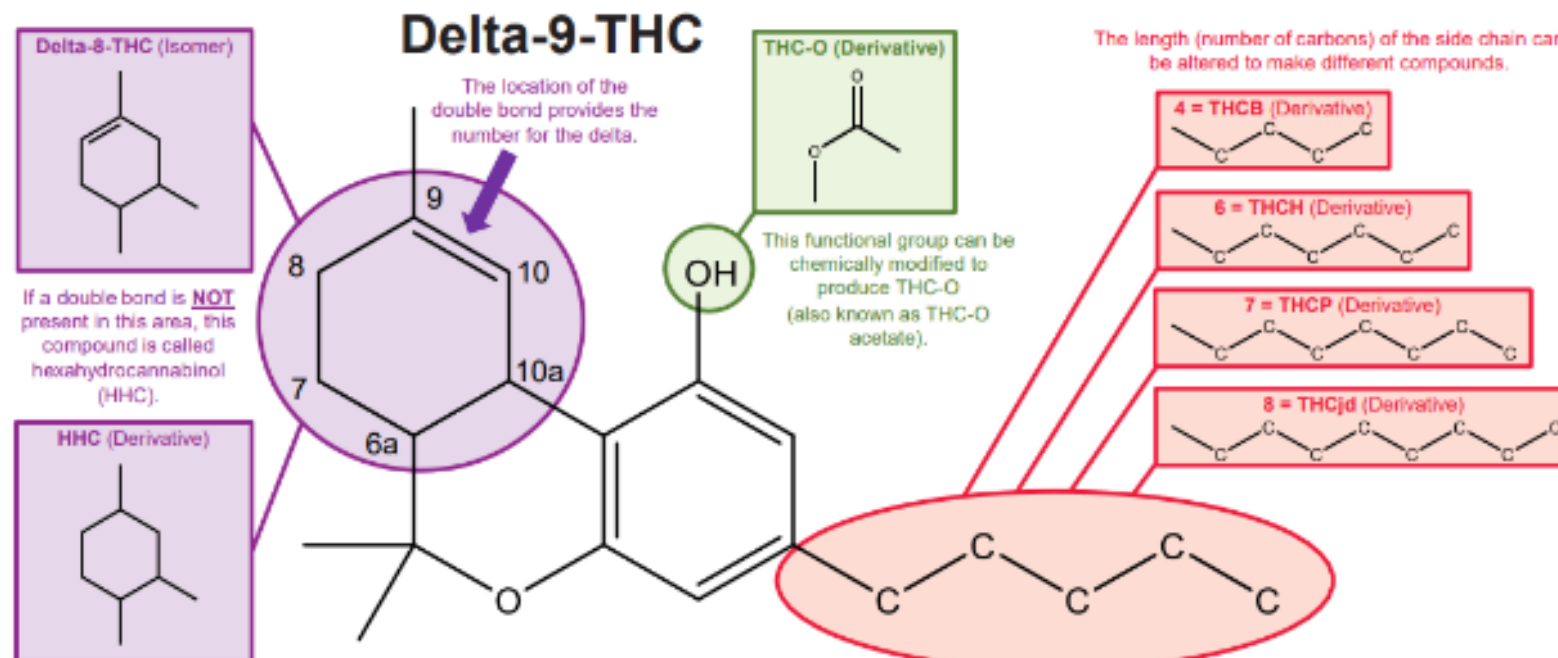
Analog A compound having a similar structure to another compound; includes both isomers and derivatives

Isomer

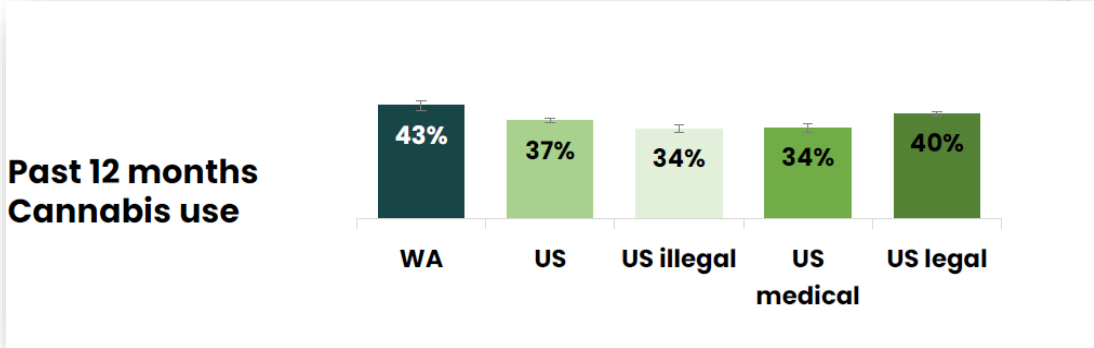
Same number of carbons, hydrogens, and oxygens, but rearranged. **For example:** Delta-8 vs. Delta-9 vs. Delta-10

Derivative

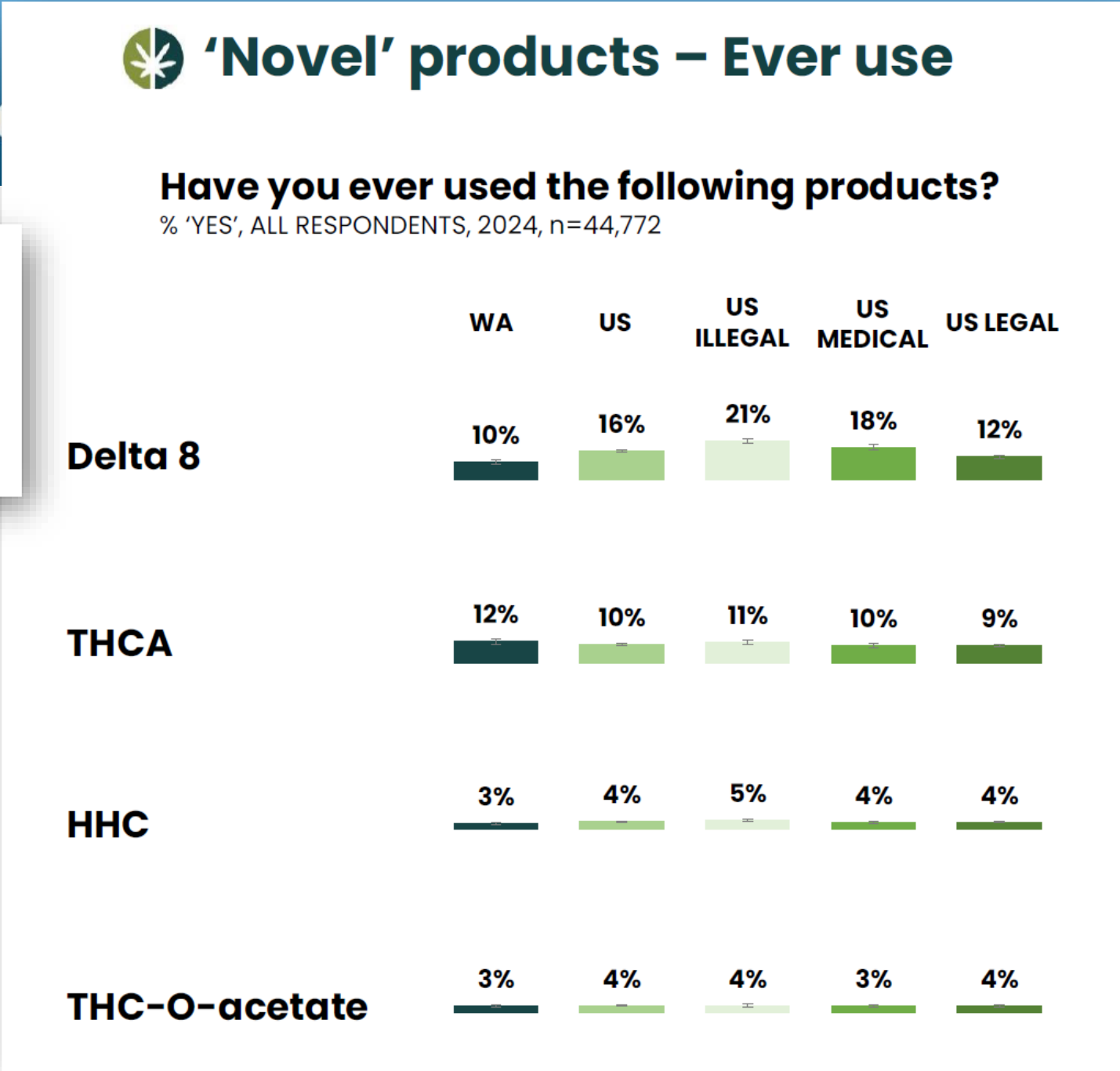
Looks like Delta-9-THC, but has a different number of carbons, hydrogens and oxygens. **For example:** HHC, THC-O, or THC-P



Any combination of these changes are possible, producing molecules that look similar to Delta-9-THC with unknown effects and safety. Thousands of THC-like compounds can be formed (e.g., HHC-O, Delta-10-THCH, Delta-8-THCP-O).



Between 77-87% of people include these products when reporting about their cannabis use





CANNABINOID PROFILE		HPLC
Cannabinoids LOQ = 0.10		% by weight
Cannabinoids		
Tetrahydrocannabinolic Acid (THCa)		20
Delta 9 Tetrahydrocannabinol (D9 THC)		0.81
Total THC		18 % by weight

Hemp-derived THC products: legal status by state





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Example Hemp-Derived THC Product #1

CANNABINOID ANALYSIS - SUMMARY

Total THC: **10.7237 mg/unit**

Total CBD: **0.8466 mg/unit**

Sum of Cannabinoids: 11.5703 mg/unit

Total Cannabinoids: 11.5703 mg/unit

Age 21+

Adult-use consumable hemp product.
Product contains not more than 0.3%
total Delta-9-THC, including precursors,
by weight.





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Example Hemp-Derived THC Product #2



SKU: 70-00674

Cherry Lime Pie THC Relax Gummies - (30ct) 4680mg

★★★★★ 134 reviews


Kick waaay back with these 25:1 ratio hybrid CBD + Delta-9 THC gummies

Bite into a euphoric combination of THC and CBD with [REDACTED]. They're the ultimate formula for relaxation when you're off the clock. Each Cherry Lime Pie-flavored gummy has a maximum-strength serving of 150mg of CBD, plus 6mg of Delta-9 THC – perfect to take after hours and let your daily stresses melt away.

- Please note, THC gummies are for adults 21+, and may cause feelings of intoxication and impairment. Please use responsibly.
- Our Cherry Lime Pie flavor has an amazingly delicious, fruity taste that you're sure to love.
- Each maximum-strength gummy includes 150mg CBD + 6mg Delta-9 THC, all derived from American-grown hemp.
- Relax Gummies are precision-formulated by our in-house team and manufactured to ensure a consistent ratio of THC to CBD (unlike similar gummies on the market).

If the product is full-spectrum, it will have less than 0.3% THC, the federally legal limit for industrial hemp plants.


Example Hemp-Derived THC Product #3



-17%

< ☰ >

Biscotti THCA Flower – \$50 an Ounce



★★★★★ (10 customer reviews)

~~\$59.99~~ **\$50.00**

✔ Sativa Dominant

✔ ~31.7% THCA

✔ Large Bud Size

✔ \$50 per OZ

✔ \$500 per LB

Download COA

Note: Actual buds may differ from processing, storage, and shipping

Add \$75.00 more to cart a

THCA	TOTAL CBD	TOTAL CANNABINOIDS
31.751 %	ND	33.101 %

CANNABINOID

CANNABINOID PROFILE

THCA

CBGA

Δ9-THC

CBC

THCV

Δ8-THC

CBN

CBG

CBDV

CBDA

CBD

0.00%

5.00%

10.00%

15.00%

20.00%

25.00%

30.00%

35.00%

WEIGHT %



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- Oregon purchased online and in-store hemp products.
- All 51 samples of hemp flower tested exceeded 0.3% total THC and is prohibited for sale to Oregon consumers.
- Hemp flower ranged from 0.4% to 30.5% total THC.



Legal, Health, and Safety Concerns

Health and Safety	Legal Cannabis Businesses
<ul style="list-style-type: none">• Inaccurate labels• Accessibility to minors• Unknown health effects• Difficulties in Enforcement	<ul style="list-style-type: none">• Increased competition• Different regulatory playing fields• Threat to consumer trust

Now to our Captains!

Out of State THC Products

Captain Kandra Tinnerstet
& Captain Matt Murphy



Prevalence and Current Issues

- Becoming more prevalent
- Youth access
- Industry driving action
 - Industry members concerned out of state is taking business from our licensees
- Products with 0.3% allowed in some states without a license but not in Washington



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Investigations and Actions Taken

- May attempt to purchase
 - Cease and desist letter
 - Contact local jurisdiction
- *Depending on circumstances



Challenges

- Enforcement resources and capacity
- Ability to get prosecution
 - Depending on location
- Out of Country (Mexico, Canada or even China even more difficult)
- Time
 - Investigating complaint
 - Attempting to purchase
 - Waiting for product
- Cease and desist letter could be easily ignored



Questions?