

Gas station pharmacology

Commonly Used Drugs in the Gray Zone of Legality and Safety

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I have no financial relationships with an ineligible company/ commercial interest. I will discuss community use of multiple off-label/unapproved products but will not endorse their use for treatment of any medical condition.

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What is a "gas station drug"?

Legal ambiguity

Addictive potential

No FDA oversight

3

Common gas station drugs

Tianeptine (Tiana, Za Za)	Kratom	Delta-8- THC, delta- 10-THC	Nitrous oxide
Phenibut	Poppers	Cold/flu medicines	Sexual enhancers

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Opioid-like

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Kratom

- Mu-opioid partial agonist
- Use for self-withdrawal management



thang, kakuam, thom, ketum, biak

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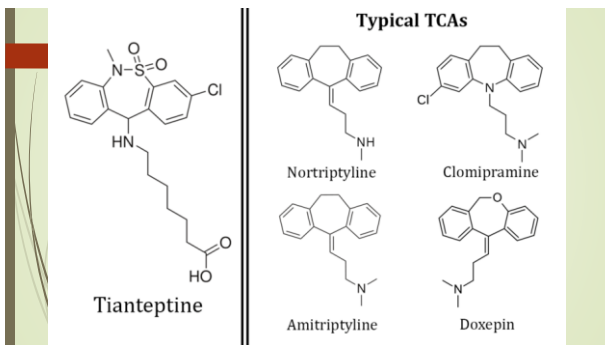
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Tianeptine

- Structurally similar to tricyclics
- Mu-Opioid partial agonism
- Withdrawal syndrome




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Loperamide

- Peripheral mu-opioid agonist
- Crosses blood brain barrier at high dose



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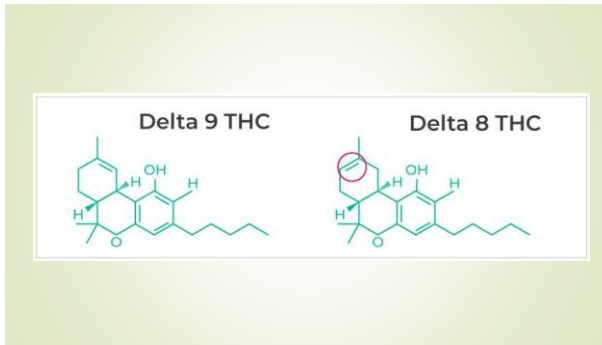
cannabis-like

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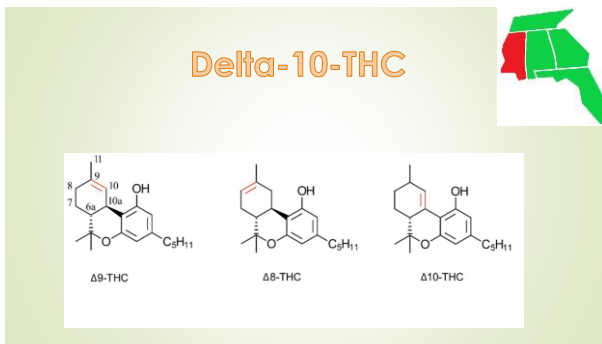
Delta-8-THC



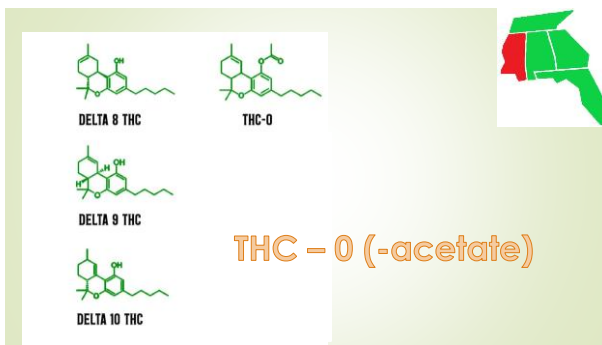
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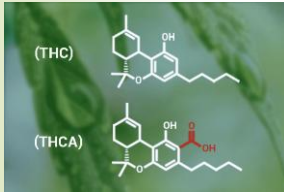


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Tetrahydrocannabinolic Acid (THCA)



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HB445 – In effect January 1, 2026

- 3rd Party Testing
- Serving size restrictions
- Cannot sell beverages also containing alcohol or another intoxicating compound
- Packaging needs to be less appealing to children
- Prohibit selling to anyone under age 21
- Store needs a license to sell, and under 21 not allowed in store
- Bans online sales

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Synthetic cannabinoids/Mojo



Common brands:
 Spice
 K2
 Scooby snax
 Ninja
 Yucatan
 many others

- PSYCHOTOGENI
C
- VAPING
- CHEMICAL
VARIATION



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Sedative/hypnotic-like

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phenibut



- GABA-B agonist and gabapentinoid
- "nootropic"



COMMON BRANDS:

SLEEP WALKER

RED DAWN

ANVIFEN

FENIBUT

NOOFEN

LIFTMODE

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Kava

- From Piper methisticum shrub
- Potentiates GABA-A receptor



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Amanita muscaria



AKA Fly agaric
and fly amanita



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Alcohol



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stimulant-like

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Synthetic cathinones (Bath salts)

- Khat plant
- Psychotogenic
- Excited delirium



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Caffeine/energy drinks

- 85% of us population consumes daily
- Safe amount- up to 400mg
- Tolerance varies



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Pseudoephedrine

- Stimulates alpha and beta adrenergic receptors



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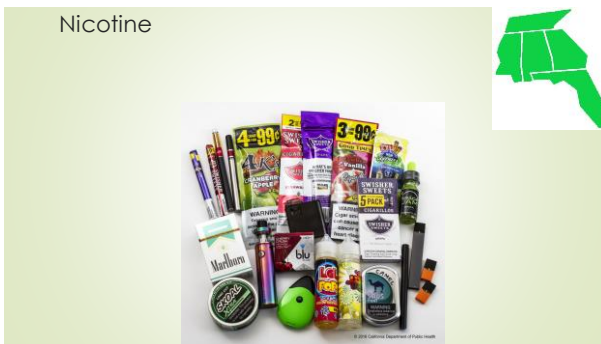


Ephedrine inhalers/tablets

Stimulates alpha and beta adrenergic receptors

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Nicotine



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PCP/ketamine-like

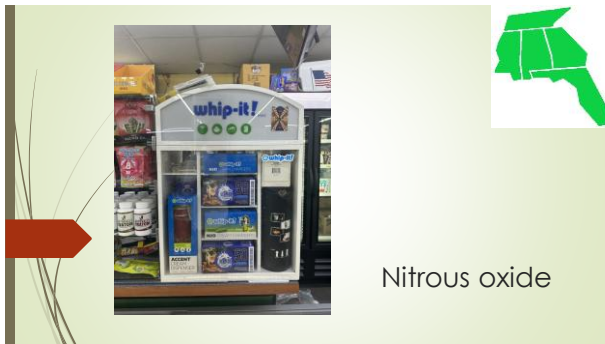
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OTC cough

- Dextromethorphan (DXM)
- NMDA antagonist
- Street names: CCC, Dex, DXM, Poor Man's PCP, Robo, Rojo, Skittles, Triple C, Velvet



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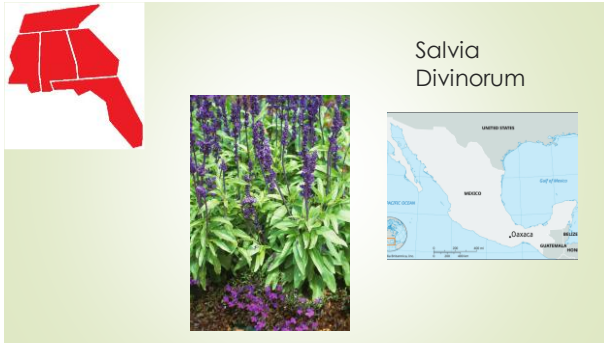


Nitrous oxide

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LSD-like

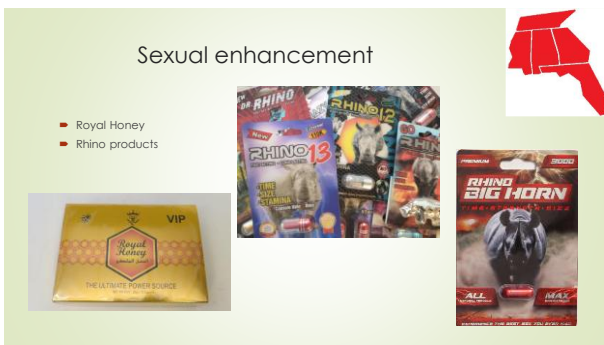
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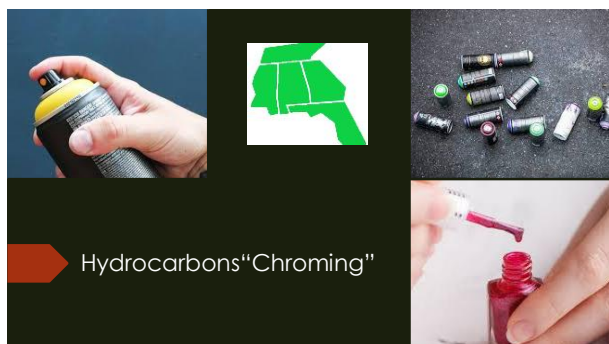


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Diphenhydramine



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Hydrocarbons "Chroming"

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Amyl Nitrites "Poppers"



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BUG SPRAY
Paper route, wasping, KD, Katie, zombie

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Questions?

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