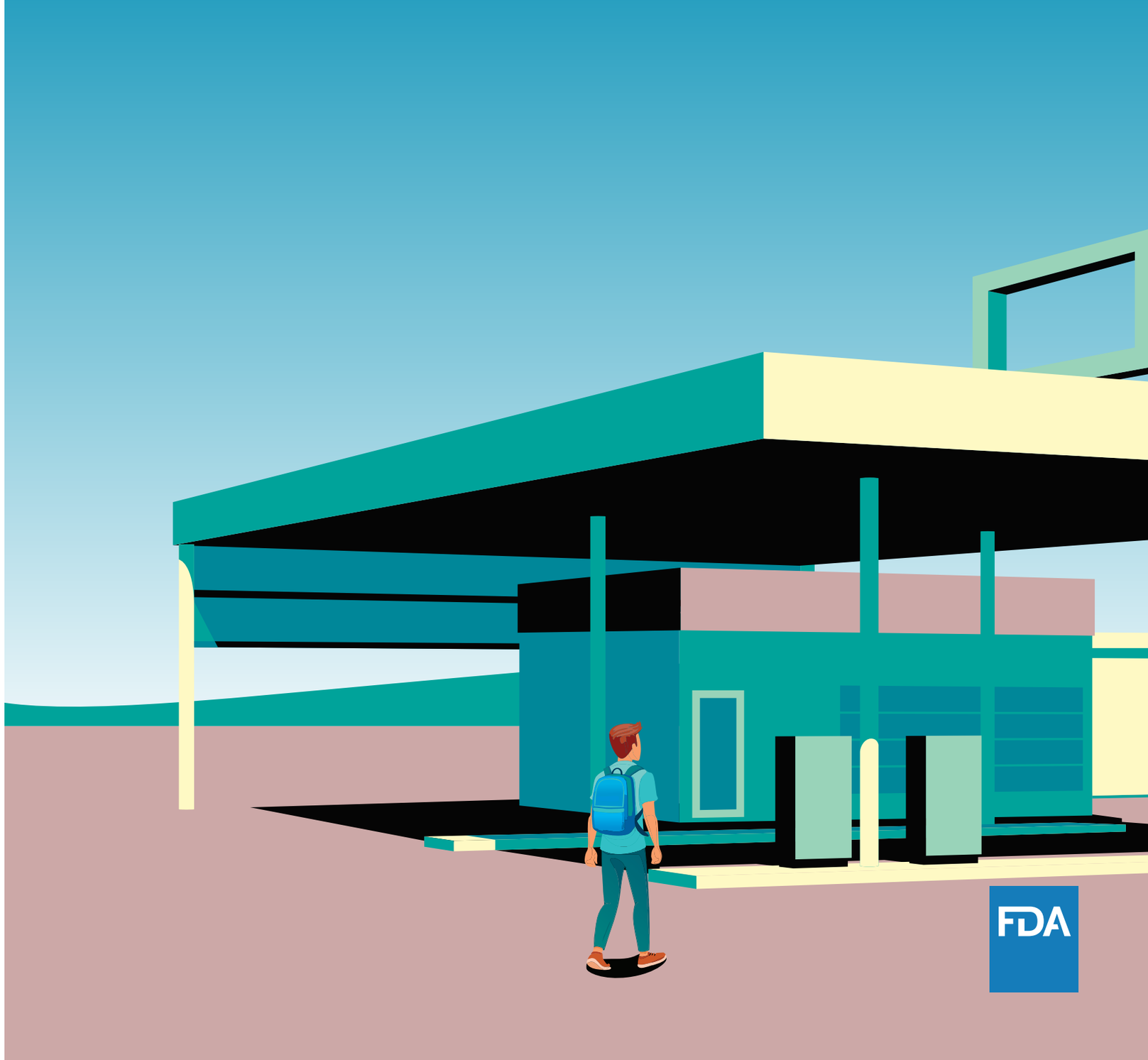
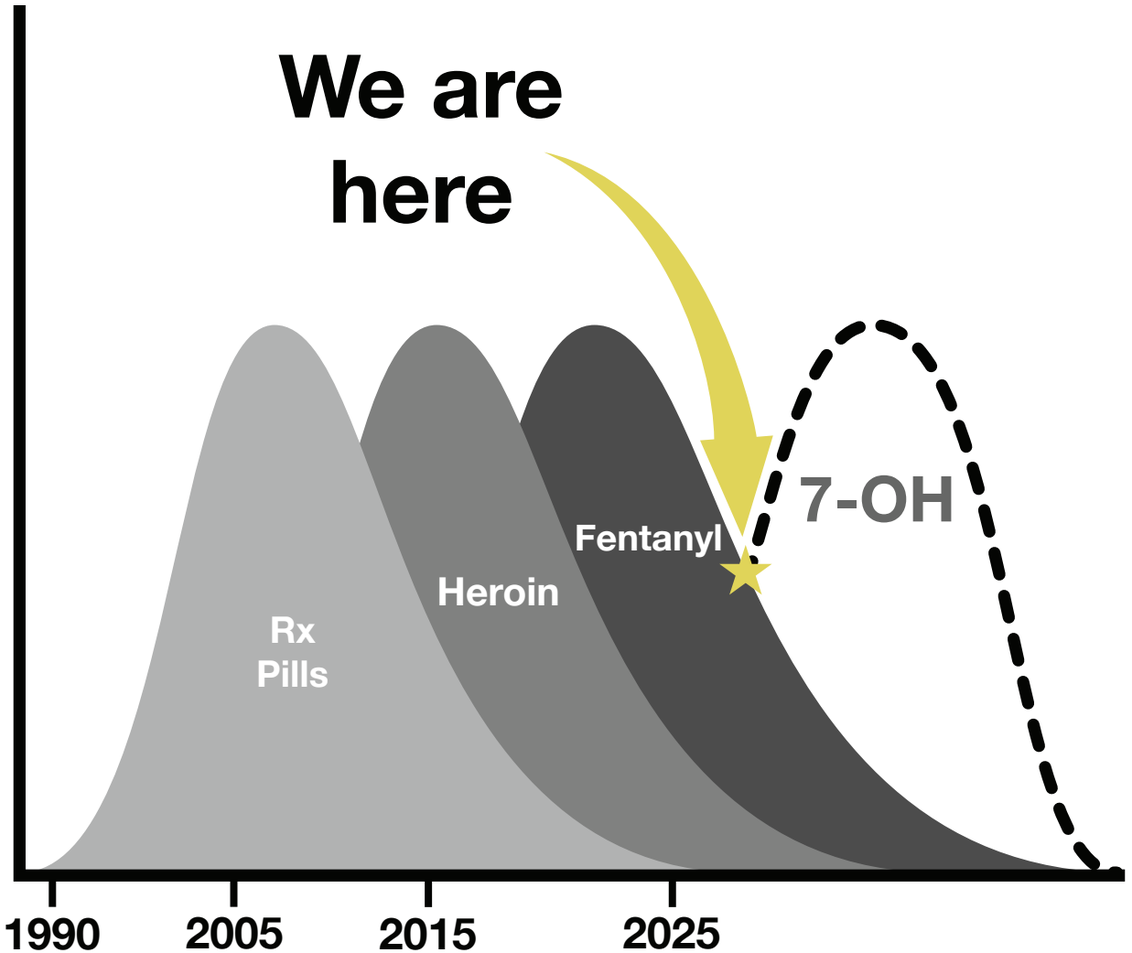
Preventing The Next Wave of the Opioid Epidemic:

What You Need to Know About 7-OH

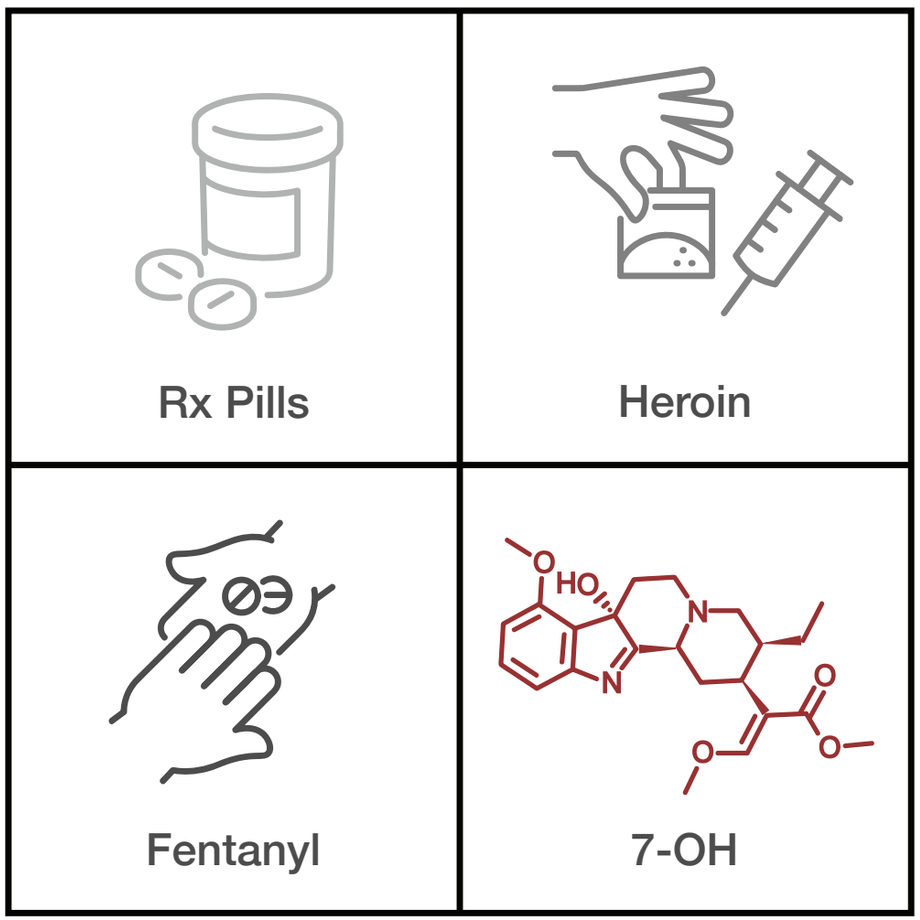


The Opioid Epidemic is Evolving with 7-OH. We Can and Must Act Now to Prevent a New Wave.



Note: The next potential phase of the opioid crisis may be defined by the emergence of novel synthetic opioids like 7-OH, combined with an increasing prevalance of concurrent use of opioids and other controlled substances.

7-OH is Engineered to be Addictive. It is a Potent Opioid by Design.



7-OH (formally known as 7-Hydroxymitragynine) is a powerful psychoactive compound that occurs naturally in very small amounts in the Kratom plant.

7-OH products are concentrated derivatives often falsely marketed as Kratom.

Street names include 7-Hydroxy, 7-OHMG and ‘7’.

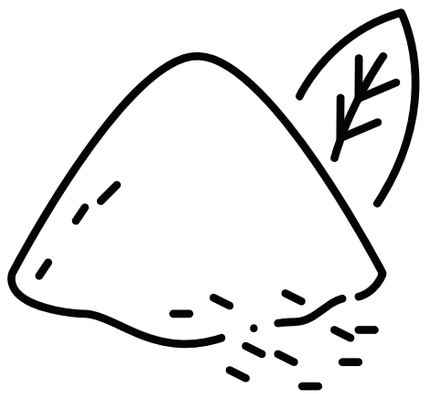
This Opioid is not Prescribed or Purchased on the Street - It's Sold like Candy at Retail Stores and Online.

What began as doctor-prescribed painkillers migrated to back-alley dealers when prescriptions dried up. Opioids have disturbingly gone mainstream with 7-OH—no prescription needed, no dealer required. This dangerous opioid is sitting on store shelves, making gas stations and convenience stores risky places where kids can purchase these drugs as easily as buying candy.

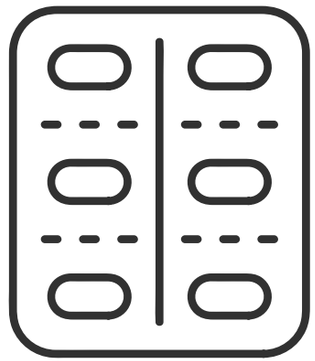
Hiding in Plain Sight: 7-OH Products are Designed to Look Like Everyday Treats Like Gummies, Candies and Ice Cream.

Note: These images are select illustrative examples and do not represent the full scope of 7-OH products on the market. Consumers should read packaging and labels carefully to determine whether a product contains 7-OH.

While Some 7-OH Products are Marketed as Natural Kratom, They are Not the Same. 7-OH Presents Significant Risks.

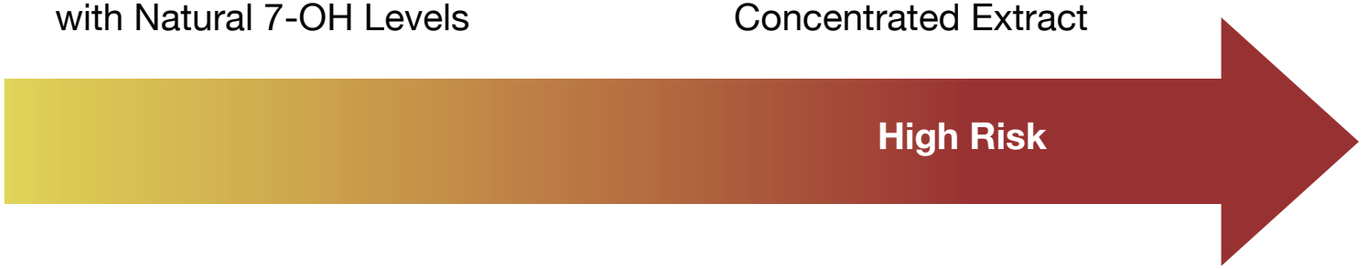


Crushed/Powdered Leaves with Natural 7-OH Levels



Kratom 7-OH Significantly Concentrated Extract

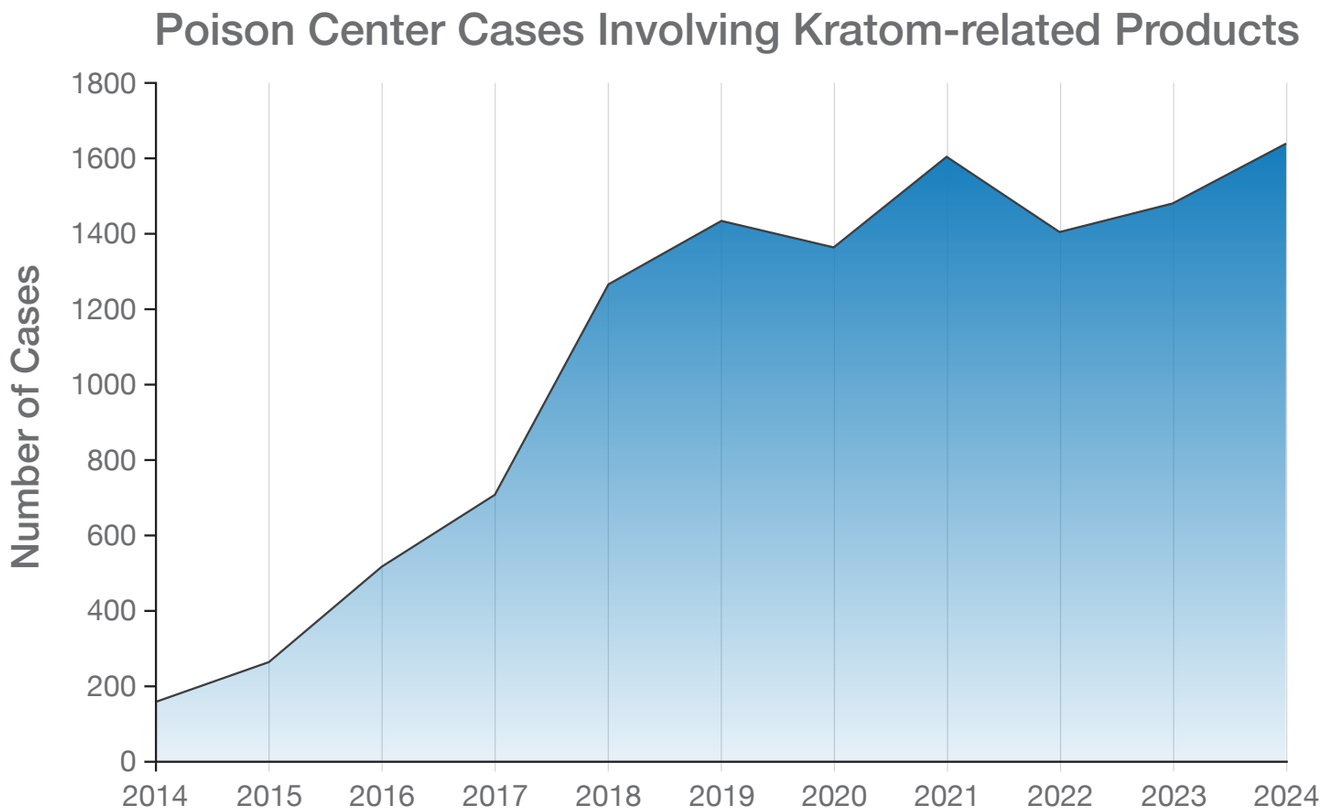
7-OH is 13x more potent than morphine.



"Enhanced" or "spiked" kratom products may appear to be natural leaf, but actually contain as much as 500% more 7-OH than would be expected naturally.

Poison Control is Sounding the Alarm on 7-OH.

American families are reporting side effects such as dependency, withdrawals, overdose and even death.



In 2025*, approximately 40% of 7-OH reports were among individuals abusing the drug.

Note: Kratom-related products refers to a broad category of botanical kratom products and other kratom-derived products, including an unknown number of 7-OH involved cases; ***a classification code for 7-OH products was added to the National Poison Data System only in February, 2025.***

**Data reflect partial year.*

There is No Safe Swap. 7-OH is an Opioid, Not an Alternative for Approved Treatments.

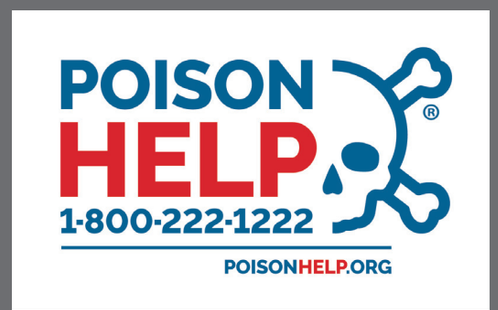
Kratom-related products, including 7-OH, are not safe or approved treatments for opioid or SSRI (selective serotonin reuptake inhibitors) withdrawal symptoms, chronic pain, or to treat depression, anxiety and other mood disorders.

KRATOM

7-OH

FDA APPROVED THERAPIES

Protect You and Your Family



If you believe someone is experiencing an adverse event from a 7-OH product, contact the Poison Help Line (1-800-222-1222) or visit **www.poisonhelp.org** for help.

If someone is unresponsive, dial **911** immediately!

- Avoid buying any products with 7-OH.
- When buying candy or other treats for you or your family, examine the packaging and label so you don't accidentally buy a treat containing 7-OH.
- Talk to your health care professional if you need help with opioid addiction, anxiety, mood disorders, pain, or other ailments.

“Even better than rolling back a public health crisis would be never having one in the first place: Let’s not allow 7-OH to drive the next wave of the U.S. opioid epidemic.”

– Marty Makary, M.D., M.P.H., FDA Commissioner

Scan the QR code or visit fda.gov/7-OH for additional resources and to learn more.

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