

# 7-Hydroxymitragynine

## What to Know About 7-OH

### 7-HYDROXYMITRAGYNE (7-OH)

- Small amount is found naturally in Kratom
- Products are synthesized in labs
- Highly Addictive
- Binds to Opioid Receptors, similar to morphine
- Narcan used to reverse overdose
- Comes in colorful candies, gummies, drinks, pills, and vapes
- Sold at local gas stations and vape shops
- Legal for anyone to purchase in Washington State
- Often mislabeled as a natural kratom extract
- Banned by the US Navy and Marine Corps
- Banned by 7 states and regulated in many more

### SIDE EFFECTS

- Nausea and vomiting
- Agitation
- Confusion
- Sweating
- Rapid heart rate
- High blood pressure
- Severe respiratory depression
- Sleepiness or loss of consciousness
- Seizures
- Constipation
- Hallucinations
- Mood disorders, including anxiety and depression



## 7-OH Products

Courtesy FDA

### REFERENCES

[HTTPS://WWW.FDA.GOV/FILES/DRUGS/PUBLISHED/7-HYDROXYMITRAGYNE\\_7-OH\\_AN\\_ASSESSMENT\\_OF\\_THE\\_SCIENTIFIC\\_DATA\\_AND\\_TOXICOLOGICAL\\_CONCERNS\\_AROUND\\_AN\\_EMERGING\\_OPIOID\\_THREAT.PDF](https://www.fda.gov/files/drugs/published/7-HYDROXYMITRAGYNE_7-OH_AN_ASSESSMENT_OF_THE_SCIENTIFIC_DATA_AND_TOXICOLOGICAL_CONCERNS_AROUND_AN_EMERGING_OPIOID_THREAT.PDF)

[HTTPS://WWW.FDA.GOV/CONSUMERS/CONSUMER-UPDATES/PRODUCTS-CONTAINING-7-OH-CAN-CAUSE-SERIOUS-HARM](https://www.fda.gov/consumers/consumer-updates/products-containing-7-oh-can-cause-serious-harm)

[HTTP://PUBS.ACS.ORG/ACTION/SHOWCIFTFORMATS?DOI=10.1021/ACSCENTSCI.9B00141](http://pubs.acs.org/action/showciftformats?doi=10.1021/acscentsci.9b00141)

