



## Alert from the NDEWS Web Monitoring Team: Online mentions of 7-OH

**What was found?** NDEWS has been consistently monitoring 7-OH since being alerted to it by Dr. Christopher McCurdy on June 21st 2024. Discussion concerning this substance has increased steadily since early May and is currently at an all-time high.

**What is 7-OH?** 7-hydroxymitragynine, or 7-OH, is an opioid-receptor binding alkaloid that occurs naturally in trace amounts in kratom leaves.

**How is it being discussed?** Reddit users report that 7-OH provides subjective effects similar to prescription opioids. Some Reddit users report developing a dependence within just two weeks of use as well as severe and long-lasting withdrawal symptoms. Reddit users also report that single doses can be highly potent, and there are concerns about the safety and purity of 7-OH tablets as they may be cut with other substances. Many discussants report that they purchased 7-OH for chronic pain management. Commenters report ingestion methods that include liquid and tablet forms of 7-OH. Since the last web monitoring update, there have been increasing warnings from Reddit users about the differences between 7-OH and standard kratom products, including potency, respiratory depression, and increased withdrawal symptoms. There has also been increased discussion from Reddit users who employ 7-OH for chronic pain management based around concerns that 7-OH may become illegal.

**Drug Terms Searched:** 7-hydroxymitragynine, 7-OH, 7HMZ, 7(omega)MZ