



An Expiration Date for Temporary Control of Fentanyl Analogues

Updated April 6, 2021

In February 2020, the [Temporary Reauthorization and Study of the Emergency Scheduling of Fentanyl Analogues Act](#) (the Act) temporarily placed certain *fentanyl analogues*—*i.e.*, compounds chemically related to the powerful [synthetic opioid](#) fentanyl—on Schedule I of the [Controlled Substances Act](#) (CSA). The temporary scheduling of fentanyl analogues under the Act is slated to expire on May 6, 2021. In light of the approaching expiration, Congress may be interested in the legal issues related to the scheduling of fentanyl analogues. This Sidebar provides an overview of the legal framework that applies to fentanyl and its analogues, key considerations involved in scheduling fentanyl analogues, and options for pursuing scheduling via legislation.

The CSA and Controlled Substance Regulation

The CSA [regulates drugs and other substances](#)—whether medical or recreational, legally or illicitly distributed—that pose a risk of abuse and dependence. Substances become subject to the CSA through classification into one of five lists, known as [Schedules I through V](#). Controlled substances in Schedule I are subject to the most stringent controls, reflecting a finding that a substance has a [high potential for abuse and no currently accepted medical use](#). Substances in Schedules II through V have accepted medical uses and have been deemed to pose [progressively lower risks](#) of abuse and dependence.

Fentanyl itself is in Schedule II, as it has recognized medical uses such as [pain management](#) for cancer patients and individuals on ventilators. Multiple nonpharmaceutical substances chemically related to fentanyl are controlled in Schedule I. By contrast, cough medicines containing limited amounts of another opiate, codeine, are in Schedule V. (Many other [prescription drugs](#) are not controlled substances subject to the CSA.)

A substance not specifically designated for control in Schedules I through V may still be subject to the CSA as a [controlled substance analogue](#). A controlled substance analogue is a substance not otherwise approved by the Food and Drug Administration (FDA) or scheduled under the CSA that has (1) a chemical structure substantially similar to that of a controlled substance in Schedule I or II, *or* (2) an actual or intended effect that is “substantially similar to or greater than the stimulant, depressant, or hallucinogenic effect . . . of a controlled substance in schedule I or II.” A substance that meets those criteria *and* is intended for human consumption is [treated as a controlled substance in Schedule I](#).

Congressional Research Service

<https://crsreports.congress.gov>

LSB10404

Unscheduled synthetic opioids related to fentanyl may qualify as controlled substance analogues. However, as a practical matter, treating those substances as controlled substance analogues may allow for less effective control than if the substances are specifically scheduled under the CSA. The Department of Justice (DOJ), which prosecutes CSA violations, has [stated](#) that controlled substance analogue prosecutions are fact-intensive and burdensome compared to prosecutions involving scheduled substances because analogue cases raise “complex chemical and scientific issues” related to the molecular makeup and effect of each substance. Moreover, some synthetic drugs [may not meet the applicable criteria](#) to be deemed controlled substance analogues—for example, because their effects are unpredictable or because they replicate the effects of more than one class of drugs. As a result, some policymakers have expressed interest in formally [scheduling fentanyl analogues](#).

Administrative and Legislative Scheduling Procedures

Either Congress or the Drug Enforcement Administration (DEA) Administrator can place a substance in a CSA schedule, move a substance to a different schedule, or remove a substance from a schedule. Congress can take those scheduling actions through [legislation](#). DEA, for its part, makes permanent scheduling decisions through a complex [administrative process](#) that involves participation by other agencies and the public. Before initiating scheduling proceedings, DEA must request a scientific and medical evaluation of the substance at issue. FDA [prepares the evaluation](#) and must consider eight [statutory factors](#) primarily related to the effects of the substance and its potential for abuse. Based on those factors, FDA recommends whether the substance should be controlled and, if so, in what schedule. FDA’s scientific and medical factual findings are binding on DEA, and if FDA recommends against controlling the substance, DEA cannot schedule it.

Upon receipt of FDA’s report, the DEA Administrator evaluates all the relevant data and determines whether the substance should be scheduled, rescheduled, or removed from control. Before placing a substance in a schedule, the DEA Administrator must make [specific findings](#) related to the substance’s medical use and potential for abuse and dependence. DEA makes scheduling decisions through [notice-and-comment rulemaking](#), meaning that interested parties must have the opportunity to submit comments, which the agency may need to respond to before the scheduling action becomes final. Once final, DEA scheduling decisions are [subject to judicial review](#).

Permanent DEA scheduling decisions can take years to consider and finalize. Recognizing that in some cases faster scheduling may be appropriate, Congress also created a [temporary scheduling procedure](#), allowing the DEA Administrator to place a substance in Schedule I temporarily when “necessary to avoid an imminent hazard to the public safety.” Before issuing a temporary scheduling order, the DEA Administrator must provide 30 days’ notice to the public and the Secretary of Health and Human Services (HHS) and consider any comments from the Secretary. In issuing a temporary scheduling order, the DEA Administrator needs to consider only three of the eight factors relevant to permanent scheduling: (1) the history and current pattern of abuse of the substance at issue; (2) the scope, duration, and significance of abuse; and (3) the risk to the public health. A substance may be temporarily scheduled for up to two years. If permanent scheduling proceedings are pending, the DEA Administrator may extend the temporary scheduling period for one additional year. Temporary scheduling orders are not subject to judicial review.

Temporary Scheduling of Fentanyl-Related Substances

On February 6, 2018, DEA issued a [temporary scheduling order](#) (Fentanyl TSO) that placed certain “fentanyl-related substances” in Schedule I for two years. While previous [scheduling actions](#) by both DEA and Congress identified a specific substance or a list of several discrete substances for control, the Fentanyl TSO instead imposed controls on a broad class of “fentanyl-related substances” that met specific criteria related to their chemical structure. While that class of substances is finite, it includes [thousands of](#)

[different chemicals](#). As one opioid researcher testified before Congress, the effects, potential for abuse and dependence, and medical utility of many of those substances are [unknown](#).

Perhaps because of these uncertainties, DEA did not initiate permanent scheduling of the class of substances subject to the Fentanyl TSO. January 2020 testimony from HHS suggested that, given the large number of substances subject to the order, it was simply [not feasible](#) for FDA and DEA to make the individualized findings required to permanently schedule each substance. Without such findings, administrative action to permanently schedule the full class of fentanyl-related substances could be vulnerable to challenge in court. Accordingly, stakeholders including [DEA](#) and [HHS](#) called on Congress to permanently schedule that class of substances through legislation. (In the meantime, DEA has continued to take temporary and permanent [scheduling actions](#) with respect to certain specific fentanyl analogues, including some fentanyl-related [substances subject to the Fentanyl TSO](#).)

On February 6, 2020, in response to calls for legislative scheduling, Congress enacted the [Temporary Reauthorization and Study of the Emergency Scheduling of Fentanyl Analogues Act](#). However, that legislation did not permanently schedule the substances that were the subject of the Fentanyl TSO. Instead, the Act *temporarily* extended the Fentanyl TSO until May 6, 2021. Absent further legislative or administrative action, the class of “fentanyl-related substances” will remain in Schedule I until that date, and will be subject to all restrictions and penalties applicable to Schedule I substances. If the Act expires, the full class of substances at issue will no longer be scheduled under the CSA, though they may still be subject to control as controlled substance analogues. Fentanyl itself and certain other related chemicals are permanently controlled in Schedules I and II; the Act does not affect those classifications.

Considerations for Congress

If Congress pursues permanent scheduling of fentanyl analogues, several legal questions may arise.

Defining Substances Subject to Control

A key question when scheduling fentanyl analogues is how to define the substances subject to regulation. Not all fentanyl analogues have effects like those of fentanyl itself, and there are many whose effects are unknown. As discussed above, the Fentanyl TSO, which the Act extended, defines covered substances based on their chemical structure. Some have argued that this legal definition may be both [overinclusive](#) (because it may include [inactive substances](#)) and [underinclusive](#) (because it may exclude potentially dangerous opioids that are not chemically related to fentanyl or that involve chemical modifications not listed in the Fentanyl TSO). In light of those concerns, the Act required the Comptroller General to conduct a study evaluating the Fentanyl TSO’s definition of substances subject to control. As of the date of this Legal Sidebar, that study has not yet been published.

Addressing fentanyl analogues by using the Fentanyl TSO’s definition of “fentanyl-related substances” is not the only option for Congress. Proposals in the 116th Congress would have taken differing approaches to scheduling fentanyl analogues. For instance, the [Stopping Overdoses of Fentanyl Analogues Act](#) would have permanently added to Schedule I certain specific fentanyl analogues, as well as the class of “fentanyl-related substances” defined in the Fentanyl TSO. The [Modernizing Drug Enforcement Act of 2019](#) would have amended the CSA to add to Schedule I “[mu opioid receptor agonists](#)”—a class of opioids (including morphine) that is defined by the molecular reactions that produce their effects. The [SIFT Act of 2019](#) would have scheduled certain specific fentanyl analogues, as well as the class of “fentanyl-related substances” defined in the Fentanyl TSO, and would also have provided a process for expedited descheduling of any fentanyl-related substances that were later found to pose little or no risk of abuse.

Criminal Enforcement and Sentencing

Another question related to the scheduling of fentanyl analogues is how those substances should fit into the CSA's criminal enforcement and sentencing regimes. Penalties for criminal violations of the CSA vary widely based on the substance at issue, with some penalties [tailored to specific substances](#). Sentences also depend on numerous other factors, including the amount of the substance involved and the nature of the illicit activity (e.g., simple possession versus distribution). The CSA imposes [mandatory minimum sentences](#) for some offenses involving Schedule I controlled substances. No mandatory minimum penalty attaches to a first conviction for [simple possession](#) or [manufacture, distribution, and possession with intent to distribute](#) most Schedule I controlled substances; however, minimum sentences apply to second and subsequent offenses and offenses resulting in death or serious injury. And, under CSA provisions that predate the Act, mandatory minimum sentences apply to the manufacture, distribution, and possession with intent to distribute [large amounts of fentanyl](#) or "any analogue" of fentanyl.

As for the mental state required to produce criminal liability, the CSA generally applies to offenses committed [knowingly](#) or [intentionally](#). The Supreme Court has [explained](#) that prosecutors bringing charges under the CSA must prove that a defendant either knew he was dealing with "some unspecified substance listed on the federal drug schedules" or "knew the identity of the substance he possessed." For example, "a defendant who [knows he is distributing heroin](#) but does not know that heroin is listed on the schedules" satisfies the CSA's mental state requirement.

Applying these rules to legislation scheduling a class of fentanyl analogues raises a number of legal and policy issues. Some commentators have raised criminal justice concerns, asserting that individuals may face criminal liability for [unwitting possession](#) of fentanyl analogues, or that Schedule I status may give rise to harsh [mandatory minimum penalties](#) under the CSA. On the other hand, some [commentators](#) and [law enforcement officials](#) seek more stringent controls of fentanyl analogues to combat the opioid crisis. As discussed above, difficulties in prosecuting activities involving unscheduled fentanyl analogues under the analogue controlled substance provisions of the CSA have [led to calls](#) for permanently placing fentanyl-related substances in Schedule I. While the Fentanyl TSO and the Act temporarily controlled fentanyl-related substances in Schedule I, neither altered the CSA's sentencing regime or the mental state requirements that apply to controlled substance offenses. A January 2021 [U.S. Sentencing Commission report](#) examines in detail recent sentencing practices related to fentanyl and fentanyl analogues.

Proposals in the 116th and 117th Congresses would tailor how the CSA applies to fentanyl analogues. For instance, the [Federal Initiative to Guarantee Health by Targeting Fentanyl Act](#) would permanently schedule a class of fentanyl-related substances but provide that certain minimum terms of imprisonment do not apply to those substances. By contrast, the [Ending the Fentanyl Crisis Act of 2019](#) would have applied more stringent control to fentanyl analogues, imposing penalties for "scheduled or unscheduled" fentanyl analogues and reducing the amounts of those substances required to trigger mandatory sentences.

Research Access

While fentanyl analogues may pose public health risks, some commentators contend that the substances may also offer medical benefits—including pain management and treatment of opioid dependence or overdose—and [worry](#) that placing fentanyl analogues in Schedule I may impede research into potential medical uses.

Although people sometimes colloquially refer to substances in Schedule I as "illegal drugs," the CSA does not fully ban any drugs or other substances. Schedule I controlled substances have no accepted medical use and thus may not be dispensed by prescription like other controlled substances. Nonetheless, it is legal to produce, dispense, and possess Schedule I substances in the context of [federally approved scientific studies](#). At the same time, Schedule I status creates certain legal hurdles for would-be researchers. For example, those who conduct research with controlled substances must comply with the

CSA's [registration requirements](#), which include security and reporting obligations. In addition, a rider to the [appropriations bill for FY2021](#) provides that, subject to certain exceptions, no federal funds may be used for any activity that "promotes the legalization" of a Schedule I controlled substance. The appropriations rider does not directly restrict research involving Schedule I controlled substances; it simply limits the availability of federal funding to support such research. No court has interpreted the rider, however, and it is not clear whether "legalization" only includes federal descheduling or extends to moving a substance to a less restrictive CSA schedule or state decriminalization.

The Temporary Reauthorization and Study of the Emergency Scheduling of Fentanyl Analogues Act required the Comptroller General to report on the status of research on fentanyl analogues. In addition, there were a number of proposals in the 116th Congress to substantively alter the legal framework for research involving Schedule I controlled substances. For example, the [SIFT Act of 2019](#) would have relaxed certain registration requirements that apply to research on Schedule I controlled substances. And a [proposed amendment](#) to the appropriations bill for FY2020 would have eliminated the appropriations rider limiting federal funding for Schedule I research.

Author Information

Joanna R. Lampe
Legislative Attorney

Disclaimer

This document was prepared by the Congressional Research Service (CRS). CRS serves as nonpartisan shared staff to congressional committees and Members of Congress. It operates solely at the behest of and under the direction of Congress. Information in a CRS Report should not be relied upon for purposes other than public understanding of information that has been provided by CRS to Members of Congress in connection with CRS's institutional role. CRS Reports, as a work of the United States Government, are not subject to copyright protection in the United States. Any CRS Report may be reproduced and distributed in its entirety without permission from CRS. However, as a CRS Report may include copyrighted images or material from a third party, you may need to obtain the permission of the copyright holder if you wish to copy or otherwise use copyrighted material.