SB225

197243-1

By Senator Melson

RFD: Agriculture, Conservation and Forestry

First Read: 03-APR-19
SYNOPSIS: Under the Alabama Industrial Hemp Research Program passed in 2016, the Department of Agriculture and Industries is authorized to implement a program providing for research in the production, development, and commercialization of industrial hemp.

Under the federal Hemp Farming Act of 2018, a state desiring to regulate the production of hemp must have its state department of agriculture, in consultation with the Governor and Attorney General, submit to the federal Secretary of Agriculture a plan under which the state will monitor and regulate the production of hemp.

This bill would require the Department of Agriculture and Industries, in consultation with the Governor and Attorney General, to develop a plan for monitoring and regulating the production of hemp, and submit the plan to the federal Secretary of Agriculture.
Under existing state law, tetrahydrocannabinols (THCs) are listed as a Schedule I controlled substance, but under the federal Hemp Farming Act of 2018, THCs derived from hemp are excluded from the Schedule I classification.

This bill would exclude from Schedule I controlled substances classified as tetrahydrocannabinols derived from hemp.

This bill would also revise definitions.

A BILL
TO BE ENTITLED
AN ACT

Relating to hemp; to amend Sections 2-8-381, 2-8-383, 20-2-2, Code of Alabama 1975, and 20-2-23 as last amended by Act 2018-552, 2018 Regular Session, Code of Alabama 1975; to require the Department of Agriculture and Industries, in consultation with the Governor and Attorney General, to develop a plan for monitoring and regulating the production of hemp, and submit the plan to the federal Secretary of Agriculture; to exclude from Schedule I controlled substances classified as tetrahydrocannabinols (THCs) derived from hemp; and to revise definitions.

BE IT ENACTED BY THE LEGISLATURE OF ALABAMA:
Section 1. Sections 2-8-381, 2-8-383, 20-2-2, Code of Alabama 1975, and Section 20-2-23 as last amended by Act 2018-552, 2018 Regular Session, Code of Alabama 1975, are amended to read as follows:

"§2-8-381.

"As used in this article the following words shall have the following meanings:

"(1) DEPARTMENT. The Department of Agriculture and Industries.

"(2) GROWER. Any person, business entity, or cooperative licensed to grow industrial hemp by the department or an institution of higher education pursuant to this article.

"(3) HEMP PRODUCTS. Any and all products made from industrial hemp, including, but not limited to, cloth, cordage, fiber, food, fuel, paint, paper, particleboard, plastics, seed, seed meal and seed oil for consumption, and seed for cultivation if the seeds originate from industrial hemp varieties.

"(4) INDUSTRIAL HEMP or HEMP. All parts and varieties of the The plant Cannabis sativa L. and any part of that plant, including the seeds thereof and all derivatives, extracts, cannabinoids, isomers, acids, salts, and salts of isomers, cultivated or possessed by a licensed grower or otherwise in accordance with the state's USDA-approved regulatory plan, whether growing or not, that contain with a delta-9 tetrahydrocannabinol concentration of not more than
0.3 percent on a dry weight basis. Industrial hemp shall be considered an agricultural crop or an agricultural commodity, or both, in all respects under state law. The term excludes marijuana as defined in subdivision (14) of Section 20-2-2.

"(5) INSTITUTION OF HIGHER EDUCATION. A postsecondary institution, as defined in 20 U.S. Code 1001(a), that offers a major course of study in agriculture issues.

"§2-8-383.

"(a) The department may adopt rules in accordance with the Alabama Administrative Procedure Act, as necessary to administer an industrial hemp research program and to license growers to grow industrial hemp pursuant to this article, including rules establishing reasonable fees for licenses, permits, or other necessary expenses to defray the cost of implementing and operating the industrial hemp research program in this state on an ongoing basis. All revenue collected pursuant to rules promulgated for the industrial hemp research under this section shall be deposited in the State Treasury to the credit of the Agricultural Fund.

"(b) The department or an institution of higher education may pursue any permits or waivers from the United States Drug Enforcement Administration or appropriate federal agency that are necessary for the advancement of the industrial hemp research program.

"(c) The department and institutions of higher education may cooperate and work jointly toward implementing an industrial hemp research program.
"(d) The department or the institution of higher education shall coordinate the implementation of this article with other state agencies or departments, as needed, to protect public safety, diversify the agricultural economy of the state, attract new businesses to the state, create new job opportunities for Alabama residents, and create a commercial market for industrial hemp.

"(e) In accordance with the Agricultural Marketing Act of 1946, the department, in consultation with the Governor and Attorney General, shall develop a plan under which the state monitors and regulates the production of hemp. The plan shall be submitted to the United States Secretary of Agriculture for approval.

"§20-2-2.

"When used in this chapter, the following words and phrases shall have the following meanings, respectively, unless the context clearly indicates otherwise:

"(1) ADMINISTER. The direct application of a controlled substance, whether by injection, inhalation, ingestion, or any other means, to the body of a patient or research subject by:

"a. A practitioner or, in his or her presence, his or her authorized agent.

"b. The patient or research subject at the direction and in the presence of the practitioner.

"(2) AGENT. An authorized person who acts on behalf of or at the direction of a manufacturer, distributor, or
dispenser. Such term does not include a common or contract
carrier, public warehouseman, or employee of the carrier or
warehouseman.

"(3) CERTIFYING BOARDS. The State Board of Medical
Examiners, the State Board of Health, the State Board of
Pharmacy, the State Board of Dental Examiners, the State Board
of Podiatry, and the State Board of Veterinary Medical
Examiners.

"(4) CONTROLLED SUBSTANCE. A drug, substance, or
immediate precursor in Schedules I through V of Article 2 of
this chapter.

"(5) COUNTERFEIT SUBSTANCE. Substances which, or the
container or labeling of which, without authorization, bears
the trademark, trade name, or other identifying mark, imprint,
number, or device or any likeness thereof of a manufacturer,
distributor, or dispenser other than the person who in fact
manufactured, distributed, or dispensed the substance.

"(6) DELIVER or DELIVERY. The actual, constructive,
or attempted transfer from one person to another of a
controlled substance, whether or not there is an agency
relationship.

"(7) DISPENSE. To deliver a controlled substance to
an ultimate user or research subject by or pursuant to the
lawful order of a practitioner, including the prescribing,
administering, packaging, labeling, or compounding necessary
to prepare the substance for that delivery.

"(8) DISPENSER. A practitioner who dispenses.
"(9) DISTRIBUTE. To deliver other than by administering or dispensing a controlled substance.

"(10) DISTRIBUTOR. A person who distributes.

"(11) DRUG.

"a. Substances recognized as drugs in the official United States pharmacopoeia, official homeopathic pharmacopoeia of the United States, or official national formulary or any supplement to any of them.

"b. Substances intended for use in the diagnosis, cure, mitigation, treatment, or prevention of disease in man or animals.

c. Substances (other than food) intended to affect the structure or any function of the body of man or animals.

d. Substances intended for use as a component of any article specified in paragraphs a, b, or c of this subdivision. Such term does not include devices or their components, parts, or accessories.

"(12) IMMEDIATE PRECURSOR. A substance which the State Board of Pharmacy has found to be and by rule designates as being the principal compound commonly used or produced primarily for use and which is an immediate chemical intermediary used or likely to be used in the manufacture of a controlled substance, the control of which is necessary to prevent, curtail, or limit manufacture.

"(13) MANUFACTURE. The production, preparation, propagation, compounding, conversion, or processing of a controlled substance either directly or indirectly, by
extraction from substances of natural origin or independently
by means of chemical synthesis or by a combination of
extraction and chemical synthesis, and includes any packaging
or repackaging of the substance or labeling or relabeling of
its container; except, that this term does not include the
preparation, compounding, packaging, or labeling of a
controlled substance:

"a. By a practitioner as an incident to his or her
administering or dispensing of a controlled substance in the
course of his or her professional practice; or
"b. By a practitioner or by his or her authorized
agent under his or her supervision for the purpose of or as an
incident to research, teaching, or chemical analysis and not
for sale.

"(14) MARIJUANA. All parts of the plant Cannabis
sativa L., whether growing or not, the seeds thereof, the
resin extracted from any part of the plant, and every
compound, manufacture, salt, derivative, mixture, or
preparation of the plant, its seeds or resin. Such term does
not include the mature stalks of the plant, fiber produced
from the stalks, oil or cake made from the seeds of the plant,
any other compound, manufacture, salt, derivative, mixture, or
preparation of the mature stalks (except the resin extracted
therefrom), fiber, oil or cake, or the sterilized seed of the
plant which is incapable of germination. Marijuana does not
include industrial hemp as defined in Article 11 of Chapter 6
of Title 2 Section 2-8-381.
(15) NARCOTIC DRUG. Any of the following, whether produced directly or indirectly by extraction from substances of vegetable origin or independently by means of chemical synthesis or by a combination of extraction and chemical synthesis:

a. Opium and opiate and any salt, compound, derivative, or preparation of opium or opiate.

b. Any salt, compound, isomer, derivative, or preparation thereof which is chemically equivalent or identical with any of the substances referred to in paragraph a, but not including the isoquinoline alkaloids of opium.

c. Opium poppy and poppy straw.

d. Coca leaves and any salt, compound, derivative, or preparation of coca leaves and any salt, compound, isomer, derivative, or preparation thereof which is chemically equivalent or identical with any of these substances, but not including decocainized coca leaves or extractions of coca leaves which do not contain cocaine or ecgonine.

(16) OPIATE. Any substance having an addiction-forming or addiction-sustaining liability similar to morphine or being capable of conversion into a drug having addiction-forming or addiction-sustaining liability. Such term does not include, unless specifically designated as controlled under this section, the dextrorotatory isomer of 3-methoxy-n-methylmorphinan and its salts (dextromethorphan). Such term does include its racemic and levorotatory forms.
(17) OPIUM POPPY. The plant of the species Papaver somniferum L., except its seeds.

(18) PERSON. Individual, corporation, government or governmental subdivision or agency, business trust, estate, trust, partnership, or association or any other legal entity.

(19) POPPY STRAW. All parts, except the seeds, of the opium poppy, after mowing.

(20) PRACTITIONER.

a. A physician, dentist, veterinarian, scientific investigator, or other person licensed, registered, or otherwise permitted to distribute, dispense, conduct research with respect to, or to administer a controlled substance in the course of professional practice or research in this state.

b. A pharmacy, hospital, or other institution licensed, registered, or otherwise permitted to distribute, dispense, conduct research with respect to, or to administer a controlled substance in the course of professional practice or research in this state.

(21) PRODUCTION. The manufacture, planting, cultivation, growing, or harvesting of a controlled substance.

(22) STATE. When applied to a part of the United States, such term includes any state, district, commonwealth, territory, insular possession thereof, and any area subject to the legal authority of the United States of America.

(23) ULTIMATE USER. A person who lawfully possesses a controlled substance for his or her own use or for the use of a member of his or her household or for administering to an
animal owned by him or her or by a member of his or her
household.

"§20-2-23.

"(a) The Legislature finds the following:

"(1) New synthetic substances are being created
which are not controlled under the provisions of existing
state law but which have a potential for abuse similar to or
greater than that for substances controlled under existing
state law. These new synthetic substances are called
"synthetic controlled substances or synthetic controlled
substance analogues" and can be designed to produce a desired
pharmacological effect and to evade the controlling statutory
provisions. Synthetic controlled substances or synthetic
controlled substance analogues are being manufactured,
distributed, possessed, and used as substitutes for controlled
substances.

"(2) The hazards attributable to the traffic in and
use of a synthetic controlled substance or synthetic
controlled substance analogues are increased because their
unregulated manufacture produces variations in purity and
concentration.

"(3) Many new synthetic substances are untested, and
it cannot be immediately determined whether they have useful
medical or chemical purposes.

"(4) The uncontrolled importation, manufacture,
distribution, possession, or use of controlled substance
analogues has a substantial and detrimental impact on the health and safety of the people of this state.

"(5) Synthetic controlled substances or synthetic controlled substance analogues can be created more rapidly than they can be identified and controlled by action of the Legislature. There is a need for a speedy determination of their proper classification under existing law. It is therefore necessary to identify and classify new substances that have a potential for abuse, so that they can be controlled in the same manner as other substances controlled under existing state law.

"(b) The controlled substances listed in this section are included in Schedule I:

"(1) Any of the following opiates, including their isomers, esters, ethers, salts, and salts of isomers, esters and ethers, unless specifically excepted, whenever the existence of these isomers, esters, ethers and salts is possible within the specific chemical designation:

"a. Acetylmethadol;
"b. Allylprodine;
"c. Alphacetylmethadol;
"d. Alphameprodine;
"e. Alphamethadol;
"f. Benzethidine;
"g. Betacetylmethadol;
"h. Betameprodine;
"i. Betamethadol;
"j. Betaprodine;  
k. Clonitazene;  
l. Dextromoramide;  
m. Dextrorphan;  
n. Diampromide;  
o. Diethylthiambutene;  
p. Dimenoxadol;  
q. Dimepheptanol;  
r. Dimethylthiambutene;  
s. Dioxaphetyl butyrate;  
t. Dipipanone;  
u. Ethylmethylthiambutene;  
v. Etonitazene;  
w. Etoxeridine;  
x. Furethidine;  
y. Hydroxypethidine;  
z. Ketobemidone;  
aa. Levomoramide;  
bb. Levophenacylmorphan;  
cc. Morpheridine;  
dd. Noracymethadol;  
ee. Norlevorphanol;  
ff. Normethadone;  
gg. Norpipanone;  
hh. Phenadoxone;  
ii. Phenampramide;  
jj. Phenomorphan;
"kk. Phenoperidine;
"ll. Piritramide;
"mm. Proheptazine;
"nn. Properidine;
"oo. Racemoramide;
"pp. Trimeperidine.

"(2) Any of the following opium derivatives, their salts, isomers and salts of isomers, unless specifically excepted, whenever the existence of these salts, isomers and salts of isomers is possible within the specific chemical designation:

"a. Acetorphine;
"b. Acetyldihydrocodeine;
"c. Benzylmorphine;
"d. Codeine methylbromide;
"e. Codeine-N-Oxide;
"f. Cyprenorphine;
"g. Desomorphine;
"h. Dihydromorphine;
"i. Etorphine;
"j. Heroin;
"k. Hydromorphinol;
"l. Methyldesorphine;
"m. Methyldihydromorphine;
"n. Morphine methylbromide;
"o. Morphine methylsulfonate;
"p. Morphine-N-Oxide;
"q. Myrophine;
"r. Nicocodeine;
"s. Nicomorphine;
"t. Normorphine;
"u. Pholcodine;
"v. Thebacon.

"(3) Any material, compound, mixture or preparation which contains any quantity of the following hallucinogenic substances, their salts, isomers and salts of isomers, unless specifically excepted, whenever the existence of these salts, isomers and salts of isomers is possible within the specific chemical designation:

"a. 3,4-methylenedioxy amphetamine;
"b. 5-methoxy-3,4-methylenedioxy amphetamine;
"c. 3,4,5-trimethoxy amphetamine;
"d. Bufotenine;
"e. Diethyltryptamine;
"f. Dimethyltryptamine;
"g. 4-methyl-2,5-dimethoxy amphetamine;
"h. Ibogaine;
"i. Lysergic acid diethylamide;
"j. Marihuana;
"k. Mescaline;
"l. Peyote;
"m. N-ethyl-3-piperidyl benzilate;
"n. N-methyl-3-piperidyl benzilate;
"o. Psilocybin;
"p. Psilocyn;

"q. Tetrahydrocannabinols, except for tetrahydrocannabinols in hemp, as defined in Section 2-8-381.

"(4)a. A synthetic controlled substance that is any material, mixture, or preparation that contains any quantity of the following chemical compounds, their salts, isomers and salts of isomers, unless specifically excepted, whenever the existence of these salts, isomers and salts of isomers is possible within the specific chemical designation or compound:

1. 3,4-Methylenedioxymethcathinone (Methylone), some trade or other names:
   3,4-methylenedioxy-N-methylcathinone.

2. 3,4-Methylenedioxypyrovalerone, some other trade names: (MDPV).

3. 4-Methylmethcathinone (Mephedrone), some trade or other names: 4-methylephedrone.

4. 4-Methoxymethcathinone (Methedrone), some trade or other names: bk-PMMA.

5. 3-Fluoromethcathinone, some trade or other names: 3-FMC.

6. 4-Fluoromethcathinone (Flephedrone), some trade or other names: 4-FMC.

7. 1-[(5-fluoropentyl)-1H-indol-3-yl]-(2-iodophenyl)methanone, some trade or other names: AM-694.
8. 1-{(5-fluoropentyl)-1H-indol-3-yl}-(naphthalen-1-yl)methanone, some trade or other names: AM-2201.

9. (6aR, 10aR)-9-(hydroxymethyl)-6, 6-dimethyl-3-(2-methyloctan-2-yl)-6a,7,10,10a-tetrahydrobenzo[c]chromen-1-ol, some trade or other names: HU-210.

10. (6aS,10aS)-9-(Hydroxymethyl)-6,6-dimethyl-3-(2-methyloctan-2-yl)-6a,7,10,10a-tetrahydrobenzo[c]chromen-1-ol, some trade or other names: HU-211, Dexanabinol.

11. 1-Pentyl-2-methyl-3-(1-naphthoyl)indole, some trade or other names: JWH-007.

12. (2-Methyl-1-propyl-1H-indol-3-yl)-1-naphthalenylmethanone, some trade or other names: JWH-015.

13. Naphthalen-1-yl-(1-pentylindol-3-yl)methanone, some trade or other names: JWH-018.

14. 1-Hexyl-3-(naphthalen-1-oyl)indole, some trade or other names: JWH-019.

15. Naphthalen-1-yl-(butylindol-3-yl)methanone, some trade or other names: JWH-073.

16. 4-Methoxynaphthalen-1-yl-(1-pentylindol-3-yl)methanone, some trade or other names: JWH-081.

17. 4-Methoxynaphthalen-1-yl-(1-pentyl-2-methylindol-3-yl) methanone, some trade or other names: JWH-098.
"18.
4-Methylnaphthalen-1-yl-(1-pentylindol-3-yl)methanone, some trade or other names: JWH-122.

"19.
(1-(2-Morpholin-4-ylethyl)indol-3-yl)naphthalen-1-ylmethanone, some trade or other names: JWH-200.

"20.
2-(2-Chlorophenyl)-1-(1-pentylindol-3-yl)ethanone, some trade or other names: JWH-203.

"21.
4-Ethynaphthalen-1-yl-(1-pentylindol-3-yl)methanone, some trade or other names: JWH-210.

"22.
2-(2-Methoxyphenyl)-1-(1-pentylindol-3-yl)ethanone, some trade or other names: JWH-250.

"23.
5-(2-fluorophenyl)-1-pentylpyrrol-3-yl)-naphthalen-1-ylmethanone, some trade or other names: JWH-307.

"24. 1-Pentyl-3-(4-Chloro-1-naphthoyl)indole, some trade or other names: JWH-398.

"25.
2-[(1R,3S)-3-hydroxycyclohexyl]-5-(2-methyloctan-2-yl)phenol (Cannabicyclohexanol), some trade or other names: CP 47, 497, and homologues.

"26.
2-(2-Methoxyphenyl)-1-[1-(2-cyclohexylethyl)indol-3-yl]ethanone, some trade or other names: RCS-8, SR-18.
27. 2-(4-Methoxyphenyl)-1-(1-pentyl-indol-3-yl)methanone, some trade or other names: RCS-4.

28. (R)-(+)-[2,3-Dihydro-5-methyl-3-(4-morpholinylmethyl)pyrrolo[1,2,3-de]-1,4-benzoxazin-6-yl]-1-napthalenylmethanone, some trade or other names: WIN 55,212-2.

29. (4-Methoxyphenyl)-[2-methyl-1-(2-morpholin-4-ylethyl)indol-3-yl]methanone, some trade or other names: WIN 48,098, Pravadoline.

b. In addition to any material, mixture, or preparation that contains any quantity of the chemical compounds listed in paragraph a., a synthetic controlled substance also includes the following chemical compounds, their salts, isomers and salts of isomers, unless specifically excepted, whenever the existence of these salts, isomers and salts of isomers is possible within the specific chemical designation or compound:

1. 1-[(N-methylpiperidin-2-yl)methyl]-3-(2-iodobenzoyl)indole, some trade or other names: (AM-2233).

2. 1-Pentyl-3-(1-adamantoyl)indole, some trade or other names: (AB001).

3. [1-[(1-methyl-2-piperidinyl)methyl]-1H-indol-3-yl]-1-naphthylmethanone, some trade or other names: (AM1220).
4. 1-(5-Fluoropentyl)-3-(2,2,3,3-tetramethylcyclopropoyl)indole, some trade or other names: (XLR11).

5. 1-Pentyl-3-(2,2,3,3-tetramethycyclopropoyl)indole, some trade or other names: (UR-144).

6. 6-Methyl-2[(4-methylphenyl)amino]-4H-3,1-benzoxazin-4-one, some trade or other names: (URB 754).

7. [1,1'-biphenyl]-3-yl-carbamic acid, cyclohexyl ester, some trade or other names: (URB 602).

8. (3'-(Aminocarbonyl)[1,1'-biphenyl]-3-yl)-cyclohexylcarbamate, some trade or other names: (URB597).

9. 1-(5-Fluoropentyl)-3-(4-methyl-1-naphthoyl)indole, some trade or other names: (MAM2201).

10. 1-naphthalenyl[4-(pentyloxy)-naphthalenyl]methanone, some trade or other names: (CB-13).

11. 1-(5-Chloropentyl)-3-(2,2,3,3-tetramethylcyclopropoyl)indole, some trade or other names: (5-Chloro-UR-144).

12. 1-(5-Fluoropentyl)-N-tricyclo[3,3,1,13,7]dec-1-yl-1H-indole-3-carboxamide, some trade or other names: (STS-135).
13. 1[(N-Methylpiperidin-2-yl)methyl]-3-(adamant-1-oyl)indole,
some trade or other names: (AM1248).

14. N-Adamantyl-1-pentyl-1H-indole-3-carboxamide,
some trade or other names: (SDB-001, 2NE1).

15. 1-Pentyl-N-tricyclo[3,3,1,13,7]dec-1-yl-1H-indazole-3-carboxamide,
some trade or other names: (AKB48, APINACA).

16. 3-Naphthoylindole.

17. 1-[2-(4-Morpholinyl)ethyl]-3-(2,2,3,3-tetramethylcyclopropyl)indole,
some trade or other names: (A 796,260).

18. 1-[(tetrahydropyran-4-ylmethyl)-1H-indol-3-yl]-(2,2,3,3-tetramethylcyclopropyl)methanone, some trade or other names: (A 834,735).

19. 1-(Pent-4-en-1-yl)-3-(4-methyl-1-naphthoyl)indole, some trade or other names: (JWH-122 4-pentenyl analog).

20. N-[(1S)-1-(aminocarbonyl)-2-methylpropyl]-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide some trade or other names: (AB-FUBINACA).

21. [1-(5-bromopentyl)-1H-indol-3-yl](2,2,3,3-tetramethylcyclopropyl)methanone, some trade or other names: (5-Bromo-UR-144)
"22. 5-(1,1-Dimethyloctyl)-2-[(1R,3S)-3-hydroxycyclohexylphenol, some trade or other names: (CP-47,497 C8 homolog).

"23. 1-(5-Fluoropentyl)-N-tricyclo[3,3,1,13,7]dec-1-yl-1H-indazole-3-carboxamide, some trade or other names: (5F-AKB48, 5F-APINACA).

"24. 1-(penta-4-ene)-3-(1-naphthoyl)indole, some trade or other names: (JWH-022).

"25. 1-(5-Chloropentyl)-3-(1-naphthoyl)indole, some trade or other names: (Chloro-AM-2201, JWH-018 N-5-chloropentyl analog).

"26. 1-(5-Hydroxypentyl)-3-(1-naphthoyl)indole, some trade or other names: (Hydroxy-AM-2201).

"27. N-[(2E)-3-(2-Methoxyethyl)4,5-dimethyl-1,3-thiazole-2(3H)-ylidene]-2,2,3,3-tetramethylcyclopropane carboxamide, some trade or other names: (A 836,339).

"28. 1-Pentyl-3-(2-iodobenzoyl)indole, some trade or other names: (AM 679).

"29. 1-Pentyl-3-(2-methylphenacetyl)indole, some trade or other names: (JWH-251).

"30. 1-pentyl-1H-indole-3-carboxylic acid 8-quinolinyl ester, some trade or other names: (PB-22, QUPIC).

"31. 1-(5-fluoropentyl)-1H-indole-3-carboxylic acid 8-quinolinyl ester, some trade or other names: (5F-PB-22).
"32. 1-pentyl-N-(naphthalen-1-yl)-1H-indole-3-carboxamide, some trade or other names: (MN-24, NNE1).

"33. 1-(cyclohexylmethyl)-1H-indole-3-carboxylic acid 8-quinolinyl ester, some trade or other names: (BB-22, QUCHIC).

"34. N-[(1S)-1-(aminocarbonyl)-2-methylpropyl]-1-pentyl-1H-indazole-3-carboxamide, some trade or other names: (AB-PINACA).

"35. 7-methoxy-1-(2-morpholinoethyl)-N-((1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl)-1H-indole-3-carboxamide, some trade or other names: (MN-25).

"36. ADB-PINACA.

"37. FUB-AKB-48.

"38. FUB-PB-22.

"39. Heptyl-UR144.

"40. THJ-018.

"41. THJ-2201.

"42. 1-heptyl-3-(1-napthoyl)indole), some trade or other names: (JWH-20).

"43. Napthalen-1-yl-(1-propyl-1H-indol-3-yl)methanone, some trade or other names: (JWH-072).

"44. (6aR,10aR)-3-(1, 1-Dimethylbutyl)-6a, 7, 10, 10a-tetrahydro-6,6,9-trimethyl-6H-dibenzo[b,d]pyran, some trade or other names: (JWH-133).
45. 3-(napthalen-1-ylmethyl)-1-pentyl-1H-indole, some trade or other names: (JWH-175).

46. 1-pentyl-3-(4-methoxyphenylacetyl)indole, some trade or other names: (JWH-201).

47. 1-pentyl-3-(3-methoxyphenylacetyl)indole, some trade or other names: (JWH 302).

48. [(1R,2R,5R)-2-[2,6-dimethoxy-4-(2-methyloctan-2-yl)phenyl]-7,7-dimethyl-4-bicyclo[3.1.1]hept-3-enyl]methanol, some trade or other names: (HU-308).

49. 3-hydroxy-2-[(1R,6R)-3-methyl-6-(1-methylethenyl)-2-cyclohexen-1-yl]-5-pentyl-2,5-cyclohexadiene-1,4-dione, some trade or other names: (HU-331).

50. N-cyclopropyl-11-(3-hydroxy-5-pentylphenoxy)-undecanamide, some trade or other names: (CB-25).

51. N-cyclopropyl-11-(2-hexyl-5-hydroxyphenoxy)-undecanamide, some trade or other names: (CB-52).

52. 2-[(1R,2R,5R)-5-hydroxy-2-(3-hydroxypropyl)cyclohexyl]-5-(2-methyloctan-2-yl)phenol, some trade or other names: (CB-55,940) (CB-55).

53. 4-Methylethylcathinone, some trade or other names: (4-MEC, 4-Methylethylcathinone).
"54. 4'-Methyl-alpha-pyrrolidinopropiophenone, some trade or other names: (MPPP, ZZ-1).

"55. (RS)-1-naphthalen-2-yl-2-pyrrolidin-1-ylpentan-1-one, some trade or other names: (Naphyrone).

"56. alpha,alpha-Diphenyl-2-piperidinemethanol, some trade or other names: (Pipradrol, Meratran).

"57. (RS)-1-(4-methylphenyl)-2-(1-pyrrolidinyl)pentan-1-one, some trade or other names: (Pyrovalerone).

"58. 3,4-Dimethylmethcathinone, some trade or other names: (3,4-DMMC).

"59. 4-Fluoroamphetamine, some trade or other names: (4-FA).

"60. 4-Fluoromethamphetamine, some trade or other names: (4-FMA).

"61. Butylone, some trade or other names: (bk-MBDB).

"62. alpha-Pyrrolidinopentiophenone, some trade or other names: (alpha-PVP).

"63. beta-keto-Dimethylbenzodioxolylbutanamine, some trade or other names: (bk-DMBDB).

"64. 2-(methylamino)-1-phenylbutan-1-one, some trade or other names: (Buphedrone).

"65. (RS)-2-ethylamino-1-phenyl-propan-1-one, some trade or other names: (N-Ethylcathinone).

"66. 2-Fluoroamphetamine, some trade or other names: (2-FA).
67. Methoxetamine, some trade or other names: (MXE).

68. 2-Methylamino-1-phenylpentan-1-one, some trade or other names: (Pentedrone).

69. 3,4-Methylenedioxycathinone, some trade or other names: (MDC).

70. 2-Fluoromethamphetamine, some trade or other names: (2-FMA).

71. 4-methylmethamphetamine, some trade or other names: (4-MMA).

72. 4-Fluoroisocathinone, some trade or other names: (4-FIC).

73. 3-Fluoromethamphetamine, some trade or other names: (3-FMA).

74. Methiopropamine, some trade or other names: (MPA).

75. alpha-Pyrrolidinobutylphenone, some trade or other names: (alpha-PBP).

76. 4-Methoxy-N-methycathinone, some trade or other names: (Methedrone, bk-PMMA).

77. alpha-Pyrrolidinopropriophenone, some trade or other names: (alpha-PPP).

78. (RS)-2-benzhydrylpiperidine, some trade or other names: (Desoxypipradrol).

79. 3,4-Methylenedioxyethylcathinone, some trade or other names: (MDEC).
3,4-Methylenedioxy-alpha-pyrrolidinobutiophenone, some trade or other names: (MDPBP).

1-(1,3-benzodioxol-5-yl)-2-(methylamino)pentan-1-one (Pentylone, bk-MBDP).

3-Fluoroamphetamine, some trade or other names: (3-FA).

3-Fluoromethcathinone, some trade or other names: (3-FMC).

2-Fluoromethcathinone, some trade or other names: (2-FMC).

1-(1,3-benzodioxol-5-yl)-2-(dimethylamino)propan-1-one (bk-MDDMA).

N,N-Diethylcathinone, some trade or other names: (Amfepramone, DEC).

1,3-Dimethylamylamine, some trade or other names: (DMAA).

N, N-Dimethylcathinone, some trade or other names: (DMC).

N-Ethyl-3,4-methylenedioxycathinone, some trade or other names: (bk-MDEA).

N-Ethylamphetamine, some trade or other names: (EMA).

N-Ethylcathinone, some trade or other names: (EC).
"92. 2-Ethylethcathinone, some trade or other names: (2-EEC).

"93. 4-Ethyl-N-ethylcathinone, some trade or other names: (4-EEC).

"94. 2-(5-Methoxy-1-benzofuran-3-yl)-N,N-dimethylethanamine, some trade or other names: (Dimembfe).

"95. 2-(5-Methoxy-1-benzofuran-3-yl)N-ethylethamine.

"96. 4-Methoxymethamphetamine, some trade or other names: (PMMA).

"97. 4-Methoxy-N-ethylamphetame, some trade or other names: (PMEA).

"98. 4-Methoxy-N-ethylcathinone, some trade or other names: (ETHEDRONE).

"99. 3-Methylmethcathinone, some trade or other names: (3-MMC).

"100. 4-Methyl-alpha-pyrrolidinobutiophenone, some trade or other names: (MPBP).

"101. 2-Methylethcathinone, some trade or other names: (2-MEC).

"102. 3-Methylethcathinone, some trade or other names: (3-MEC).

"103. 2-Ethylethcathinone, some trade or other names: (2-EEC).

"104. 3-Ethylethcathinone, some trade or other names: (3-EEC).
105. 3-Ethylmethcathinone, some trade or other names: (3-EMC).

106. 3',4'-Methylenedioxy-alpha-pyrrolidinopropiophenone, some trade or other names: (MDPPP).

107. alpha-Pyrrolidinopentiothiophenone, some trade or other names: (alpha-PVT).

108. 3-Methoxymethcathinone, some trade or other names: (3-MeOMC).

109. N-Methyl-1,3-benzodioxolylbutanamine, some trade or other names: (MBDB).

110. Ethcathinone, some trade or other names: (ETHYLPROION, ETH-CAT).

111. Ethylone (3,4-methylenedioxy-N-ethylcathinone).

112. N-N-Diethyl-3,4-methylenedioxyacetacatinone.

113. 3,4-methylenedioxy-propiophenone.

114. 2-Bromo-3,4-methylenedioxypropiophenone.

115. 3,4-methylenedioxy-propiophenone-2-oxime.

116. N-Acetyl-3,4-methylenedioxyacetacatinone.

117. N-Acetyl-N-Methyl-3,4-methylenedioxyacetacatinone.

118. N-Acetyl-N-Ethyl-3,4-methylenedioxyacetacatinone.

119. 4-Bromomethcathinone.

120. 3-Bromomethcathinone.

121. Eutylone (beta-Keto-Ethylbenzodioxolylbutanamine).
122. 4'-Methoxy-alpha-pyrrolidinopropiophenone, some trade or other names: (MOPPP).

123. 4'-Methyl-alpha-pyrrolidinohexiophenone, some trade or other names: (MPHP).

124. Benocyclidine (BCP) or Benzothiophenylcyclohexylpiperidine, some trade or other names: (BTCP).

125. 4-Fluoro-(methylamino)butyrophenone, some trade or other names: (F-MABP).

126. 3-Methyl-4-Methoxymethacathinone, some trade or other names: (3-Me-4-MeO-MCAT).

127. 4-Methyl-(ethylamino)-butryophenone, some trade or other names: (Me-EABP).

128. 4-Ethyl-methcathinone, some trade or other names: (4-EMC).

129. 4-methoxy-N-ethylcathinone (bk-PMC; p-methox-ethcathinone).

130. 4'-Methoxy-alpha-pyrrolidino-propiophenone (MeOPPP; 4'-MeO-PPP).

131. 3-Fluorocathinone (3-FC).

132. 4-Fluorocathinone (4-FC).

133. 4-methyl-buphedrone (4-MeMABP; 4MeBP; BZ-6378).

134. 3,4-Methylenedioxy-N-benzylcathinone, some trade or other names: (BMDP).

135. N-Benzyl-butylone, some trade or other names: (BMDB).
136. N-Hydroxy-3,4-methylenedioxymethcathinone.

137. N-ethylbuphedrone, some trade or other names: (NEB).

138. 4-Fluorobuphedrone, some trade or other names: (4-FBP).

139. 4-Methoxy-pyrrolidinbutrophenone (4-MeO-PBP).

140. 4-Ethyl-pyrrolidinobutrophenone, some trade or other names: (4-Et-PBP).

141. 5-(2-aminopropyl)indole, some trade or other names: (5-IT).

142. 1-phenyl-2-(piperidin-1-yl)butan-1-one.

143. 2,4,5-Trimethyl-methacathinone, some trade or other names: (2,4,5-TMMC).

144. alpha-pyrrolidino-heptiophenone, some trade or other names: (alpha-PHpP).

145. 4-Methylamphetamine (4-MA: pTAP; PAL-313; 4-MeA; PmeA).

146. N-Ethyl-methamphetamine.

147. 4-(2-Aminopropyl)benzofuran, some trade or other names: (4-APB).

148. 5-(2-Aminopropyl)-2,3-dihydro-1H-indene (5-APDI; IAP; AIP; indanylaminoporpane).

149. 6,7-Methylenedioxy-2-aminotetralin, some trade or other names: (MDAT).

150. 4-Methylthioamphetamine (4-MTA; P1882).

151. 4-Chloroamphetamine (p-chloro-amphetamine).
152. 2,4,6-Trimethoxyamphetamine, some trade or other names: (TMA-6).
153. 2,4,5-Trimethoxyamphetamine, some trade or other names: (TMA-2).
154. 2,5-Dimethylanphetamine, some trade or other names: (2,5-DMA).
155. 3,4-Dimethylanphetamine, some trade or other names: (3,4-DMA).
156. N-propylanphetamine.
157. 4-Hydroxyamphetamine.
158. 3-Hydroxyamphetamine.
159. Methylenedioxydimethylanphetamine, some trade or other names: (MDDM).
160. 2-Aminoindane, some trade or other names: (2-AI).
161. 5,6-Methylenedioxy-N-methyl-aminoindane, some trade or other names: (MDMAI).
162. 2C-T-21.
163. 2C-B-Fly.
164. 3,4-dimethyl-2,5-dimethoxyphenethylamine (2C-G).
165. 25D-NBOMe.
166. 25G-NBOMe.
167. 25N-NBOMe.
168. Bromo-benzyldifuranyl-isopropylamine, some trade or other names: (Bromo Dragon Fly).
169. 3C-B fly.
"170. 2,5-Dimethoxy-4-ethylthioamphetamine, some trade or other names: (Aleph-2).

"171. 1-[(4-ethoxy-2,5-dimethoxy)phenyl]propan-2-amine, some trade or other names: (MEM).

"172. 1-[2,5-dimethoxy-4-(propylthio)phenyl]propan-2-amine, some trade or other names: (Aleph-7).


"175. 6-chloro-2-aminotetralin, some trade or other names: (6-CAT).

"176. 2-phenylpropan-1-amine, some trade or other names: (B-Me-PEA).

"177. 2-Phenethylamine, some trade or other names: (2-PEA).

"178. 1-methylamino-1-(3,4-methylenedioxyphenyl)propane, some trade or other names: (M-ALPHA).

"179. Camfetamine.

"180. Methoxyphenamine.

"181. 4-methylaminorex, some trade or other names: (4-MAR; 4-MAX; U4Euh; Euphoria; Ice).

"182. (1-thiophen-2-yl)propan-2-amine (Thienoamphetamine).

"183. Dimethocaine.

"184. 4-Fluoroephephedrine.
"185. 4-methyaminorex (p-methyl derivative).

"186.
1-[(N-methylpiperidin-2-yl)methyl]-2-methyl-3-(naphthalen-1-oyl)-6-nitroindole (AM1221).

"187.
(1-butyl-1H-indol-3-yl)(4-methoxyphenyl)-methanone (RCS-4 (C4) homolog).

"188.
5-[3-(1-naphthoyl)-1H-indole-1-yl]pentanenitrile, some trade or other names: (AM2232).

"189. 1-(Pentyl)-3-(4-bromo-1-naphthoyl)-indole, some trade or other names: (JWH-387).

"190. 1-(Pentyl)-3-(4-fluoro-1-naphthoyl)-indole, some trade or other names: (JWH-412).

"191. 1-(5-chlorpenty)-3-(2-iodobenzoyl)indole, some trade or other names: (AM694 Derivative).

"192.
(2-iodo-5-nitrophenyl)-[1-[(1-methylpiperidin-2-yl)methyl]1H-indol-3-yl]-methanone, some trade or other names: (AM1241).

"193. 1-Pentyl-3-[1-(4-propyl)naphthoyl]indole, some trade or other names: (JWH-182).

"194. JWH-081 2-methoxynaphthyl isomer, some trade or other names: (JWH-267).

"195.
(3-methoxyphenyl)(1-pentyl-1H-indol-3-yl)methanone, some trade or other names: (RCS-4 3-methoxy isomer).
196. [1-(5-fluoropentyl)-1H-indol-3-yl](4-ethyl-1-naphthalenyl)methanone (EAM-2201).

197. ADB-FUBINACA.

198. ADBICA.

199. AM-279.

200. JWH-370.

201. NNE-1.

202. MAM-2201 chloropentyl derivative.

203. 1-(5-fluoropentyl)-3-(2-methyl-benzoyl)indole.

204. 1-(5-fluoropentyl)-3-(2-ethylbenzoyl)indole.

205. AB-005.

206. AB-005 Azepane isomer.

207. 4-hydroxy-3,3,4-trimethyl-1-(1-pentyl-1H-indol-3-yl)pentan-1-one (4-HTMP IPO).

208. UR-12.

209. 5-Fluoro-ADBICA.

210. BAY-38-7271; KN 38-7271.

211. JTE-907.

212. Org 27569.

213. Org 27759.

214. Org 29647.

215. LY 2183240.

216. JTE 7-31.

217. URB 937.
"218. 3-methoxy-eticyclidine, some trade or other names: (3-MeO-PCE).

"219. 1-Phenylcyclohexanamine, some trade or other names: (PCA).

"220. 4-Methyl-phencyclidine, some trade or other names: (4-Me-PCP).

"221. 4-Methoxy-eticyclidine, some trade or other names: (4-MeO-PCE).

"222. 4-Methoxyphencyclidine, some trade or other names: (Methoxydine; 4MeO-PCP).

"223. 3-Methoxyphencyclidine, some trade or other names: (3-MeO-PCP).

"224. 1-phenyl-N-propylcyclohexanamine, some trade or other names: (PCPr).

"225. N-(2-methoxyethyl)-1-phenylcyclohexanamine, some trade or other names: (PCMEA).

"226. N-(2-ethoxyethyl)-1-phenylcyclohexanamine, some trade or other names: (PCEEA).

"227. N-(3-methoxypropyl)-1-phenylcyclohexanamine, some trade or other names: (PCMPA).

"228. 3-Hydroxy-phencyclidine, some trade or other names: (3-OH-PCP).

"229. Methoxyketamine, some trade or other names: (2-MeO-2-deschloro-ketamine).

"230. Tiletamine, some trade or other names: (TCE).

"231. N-ethylnorketamine.
"232. N-Methyltryptamine, some trade or other names: (NMT).

"233. N-Methyl-N-isopropyltryptamine, some trade or other names: (MiPT; MIPT).

"234. 4-hydroxy-N,N-methylisopropyltryptamine, some trade or other names: (4-OH-MiPT).

"235. 4-Acetoxy-N,N-diisopropyl-tryptamine (4-AcO-DiPT: 4-AcO-DIPT; 4-Acetoxy-MiPT).

"236. 4-Methoxy-N,N-dimethyltryptamine, some trade or other names: (4-MeO-DMT).

"237. 5-Hydroxytryptamine, some trade or other names: (5-HT).

"238. 5-acetoxy-N,N-dimethyltryptamine, some trade or other names: (5-AcO-DMT).

"239. 5-Methoxy-N,N-dipropyltryptamine, some trade or other names: (5-MeO-DPT).

"240. d-Lysergic acid amide, some trade or other names: (LSA; ergine).

"241. 2,5-dimethoxy-4-chloroamphetamine, some trade or other names: (DOC).

"242. N-(2-Methoxybenzyl)-4-ido-2,5-dimethoxyphenethylamine, some trade or other names: (25I-NBOMe).

"243. 4-Ethyl-2,5-dimethoxyphenethylamine, some trade or other names: (2C-E).

"244. 2,5-Dimethoxy-4-iodophenethylamine, some trade or other names: (2C-I).
"245. 6-(2-Aminopropyl)-2,3-dihydrobenzofuran, some trade or other names: (6-APDB).

"246. 6-(2-Aminopropyl)benzofuran, some trade or other names: (6-APB).

"247. 5-(2-Aminopropyl)-2,3-dihydrobenzofuran, some trade or other names: (5-APDB).

"248. 5-(2-Aminopropyl)benzofuran, some trade or other names: (5-APB).

"249. 2,5-Dimethoxy-4-(n)-propylthiophenethylamine, some trade or other names: (2C-T-7).

"250. 2,5-Dimethoxy-4-(n)-propylphenethylamine, some trade or other names: (2C-P).

"251. 2,5-Dimethoxy-4-bromoamphetamine, some trade or other names: (DOB).

"252. 2,5-Dimethoxy-4-bromobenzylpiperazine, some trade or other names: (2C-B-BZP).

"253. 2,5-Dimethoxy-4-bromophenethylamine, some trade or other names: (2C-B).

"254. 2,5-Dimethoxy-4-chlorophenethylamine, some trade or other names: (2C-C).

"255. 2,5-Dimethoxy-(4-ethylthio)phenethylamine, some trade or other names: (2C-T-2).

"256. 2,5-Dimethoxy-4-iodoamphetamine, some trade or other names: (DOI).

"257. 2,5-Dimethoxy-4-methylamphetamine, some trade or other names: (DOM).
258. 2,5-Dimethoxyphenethylamine, some trade or other names: (2C-H).

259.
2-(2,5-Dimethoxyphenyl-4-bromo)-N-(2-methoxybenzyl)ethanamine, some trade or other names: (25B-NBOMe).

260.
2-(2,5-Dimethoxyphenyl-4-chloro)-N-(2-methoxybenzyl)ethanamine, some trade or other names: (25C-NBOMe).

261.
2-(2,5-Dimethoxyphenyl-4-ethyl)-N-(2-methoxybenzyl)ethanamine, some trade or other names: (25E-NBOMe).

262. 2-Ethylmethcathinone, some trade or other names: (2-EMC).

263.
2-(2,5-Dimethoxyphenyl)-N-(2-methoxybenzyl)ethanamine, some trade or other names: (25H-NBOMe).

264. BZP (Benzylpiperazine).

265. para-Fluorophenylpiperazine.

266. 1-(4-Methylphenyl)piperazine.

267. meta-Cholorophenylpiperazine.

268. para-Methoxyphenylpiperazine.

269. DBZP (1,4-dibenzylpiperazine).

270. TFMPP (3-Trifluoromethylphenylpiperazine).

271. 2C-T-4
(2,5-Dimethoxy-4-isopropylthiophenethylamine.

272. 2C-T
(2,5-Dimethoxy-4-methylthiophenethylamine).
"273. 2C-D
(2-(2,5-Dimethoxy-4-methylphenyl)ethanamine).

"274. 2C-N 2,5-Dimethoxy-4-nitrophenethylamine.

"275. 5-methoxy-N,N-diallyltryptamine, some trade or
other names: (5-MeO-DALT).

"276. 5-Methoxy-N,N-Diisopropyltryptamine, some
trade or other names: (5-MeO-DIPT).

"277. 5-Methoxy-alpha-methyltryptamine, some trade
or other names: (5-MeO-AMT).

"278. 4-Acetoxy-N,N-dimethyltryptamine, some trade
or other names: (4-AcO-DMT).

"279. 4-Hydroxy-N,N-diethyltryptamine, some trade or
other names: (4-HO-DET).

"280. 4-Hydroxy-N,N-diisopropyltryptamine, some
trade or other names: (4-HO-DIPT).

"281. 4-Hydroxy-N-methyl-N-ethyltryptamine, some
trade or other names: (4-OH-MET).

"282. 5-Methoxy-N,N-diethyltryptamine, some trade or
other names: (5-MeO-DET).

"283. 5-Methoxy-N-methyl-N-isopropyltryptamine, some
trade or other names: (5-MeO-MIPT).

"284. 4-Acetoxy-N,N-diethyltryptamine, some trade or
other names: (4-AcO-DET).

"285. 4-Acetoxy-N-methyl-N-isopropyltryptamine, some
trade or other names: (4-AcO-MIPT).

"286. N,N-Dipropyltryptamine, some trade or other
names: (DPT).
"287. N,N-Diisopropyltryptamine, some trade or other names: (DIPT).

"288. 4-Methoxy-N-methyl-N-isopropyltryptamine, some trade or other names: (4-MeO-MIPT).

"289. Tyramine (4-Hydroxyphenethylamine).

"290. 5-Hydroxy-alpha-methyltryptamine.

"291. 5-Hydroxy-N-methyltryptamine.

"292. 5-Methoxy-N,N-dimethyltryptamine.

"293. 5-Methyl-N,N-dimethyltryptamine.

"294. Diphenylprolinol, some trade or other names: (D2PM; diphenyl-2-pyrrolidinemethanol).

"295. 3,4 Dichloromethylphenidate, some trade or other names: (3,4-CTMP).

"296. 3-chloromethyl-phenidate, some trade or other names: (3-CTMP).

"297. 4-Methylmethylphenidate.

"298. 4-Fluoromethyl-phenidate, some trade or other names: (4-FTMP).

"299. Ethylphenidate.

"300. Etizolam (Etilaam, Etizola, Sedekopan, Pasadena, Depas).

"301. Phenazepam.

"302. Pyrazolam.

"303. CL-218,872.

"304. Zopiclone.

"305. Salvinorin A.

"306. AH-7921.
"307. O-Desmethyltramadol, some trade or other names: (O-DT; ODT).

"308. Desmophine (Dihydrodesoxymorphine; permonid; krokodil; crocodile).

"309. Acetyl Fentanyl (desmethyhfentanyl).

"310. 1-cyclohexyl-4-(1,2-diphenylethyl)piperazine (MT-45).

"311. 1-(2-methoxyphenyl)piperazine, some trade or other names: (MOPIP).

"312. 1-(4-Chlorophenyl)piperazine, some trade or other names: (pCPP).

"313. para-Methoxyphenyl-piperazine, some trade or other names: (MBZP).

"314. Methylmethaqualone.

"315. Etaqualone.

"316. 5-Iodo-2-aminoindane, some trade or other names: (5-IAI).

"317. 5,6-(Methylenedioxy)-2-aminoinndane, some trade or other names: (5,6-MDAI).

"318. 4,5-(Methylenedioxy)-2-aminoinndane, some trade or other names: (4,5-MDAI).

"319. MMAI.


"322. Mitragynine.

"323. Hydroxymitragynine.
“324. Butyrfentanyl
(N-phenyl-N-[1-(2-phenylethyl)-4-pyridinyl]butyramide).

“325. Beta-Hydroxythiofentanyl
(N-phenyl-N-{1-[2-hydroxy-2-(2-thienyl)ethyl]-4-piperidinyl}-propanamide).

“326. 4-methylphenethyl acetyl fentanyl
(N-phenyl-N-{1-[2-(4-methylphenyl)ethyl]-4-piperidinyl}-acetamide).

“327. Acrylfentanyl
(N-phenyl-N-[1-(2-phenylethyl)-4-piperidinyl]-prop-2-enamide).

“328. 3-Allylfentanyl
(N-phenyl-N-[1-(2-phenylethyl)-(3s,4R)-3-prop-2-enyl-4-piperidinyl]-propanamide).

“329. Benzodioxole fentanyl
(N-phenyl-N-[1-(2-phenylethyl)-4-piperidinyl]-benzo[d][1,3]dioxole-5-carboxamide).

“330. Benzyl carfentanil
(N-phenyl-N-(1-benzyl-4-methylcarboxylate-4-piperidinyl)-propanamide).

“331. Brifentanil
(N-(2-fluorophenyl)-N-((3R,4S)-1-[2-(4-ethyl-5-oxotetrazol-1-yl)ethyl]-3-methyl-4-piperidinyl)-2-methoxyacetamide).

“332. Cyclopentylfentanyl
(N-phenyl-N-[1-(2-phenylethyl)-4-piperidinyl]-cyclopentanecarboxamide).
333. 2,5-Dimethylfentanyl (N-phenyl-N-[1-(2-phenylethyl)-2,5-dimethyl-4-piperidinyl]-propranamide).

334. 4-Fluoroisobutyryl fentanyl (N-(4-fluorophenyl)-N-[1-(2-phenylethyl)-4-piperidinyl]-isobutyramide).

335. Furanyl fentanyl (N-phenyl-N-[1-(2-phenylethyl)piperidin-4-yl]furan-2-carboxamide).

336. Furanylethyl fentanyl (N-phenyl-N-[1-(2-furanylethyl)-4-piperidinyl]-propanamide).

337. Isobutyryl fentanyl (N-phenyl-N-[1-(2-phenylethyl)-4-piperidinyl]-2-methylpropanamide).

338. Lofentanil (N-phenyl-N-[1-(2-phenylethyl)-(3R,4S)-3-methyl-4-methylcarboxylate-4-piperidinyl]-propanamide).

339. 4-Methoxybutyrfentanyl (N-(4-methoxyphenyl)-N-[1-(2-phenylethyl)-4-piperidinyl]-butyramide).

340. 4-Methoxymethylfentanyl (N-phenyl-N-[1-(2-phenylethyl)-4-methoxymethyl-4-piperidinyl]-propanamide).

341. Meta-fluorobutyryl fentanyl (N-(3-fluorophenyl)-N-[1-(2-phenylethyl)-4-piperidinyl]-butyramide).

342. Meta-fluorofentanyl (N-(3-fluorophenyl)-N-[1-(2-phenylethyl)-4-piperidinyl]-propanamide).
"343. 3-Methylbutyrfentanyl
(N-phenyl-N-[1-(2-phenylethyl)-4-piperidinyl]-butyramide).

"344. N-Methylcarfentanyl
(N-phenyl-N-(1-methyl-4-methylcarboxylate-4-piperidinyl)-propanamide).

"345. Methoxyacetylfentanyl
(N-phenyl-N-[1-(2-phenylethyl)-4-piperidinyl]-2-methoxyacetamide).

"346. Mirfentanyl
(N-(2-pyrazinyl)-N-[1-(2-phenylethyl)-4-piperidinyl]-2-furamidine).

"347. Ocfentanil
(N-(2-fluorophenyl)-N-[1-(2-phenylethyl)-4-piperidinyl]-2-methoxyacetamide).

"348. Ohmefentanyl
(N-phenyl-N-[1-(2-hydroxy-2-phenylethyl)-3-methyl-4-piperidinyl]-propanamide).

"349. Ortho-fluorobutyryl fentanyl
(N-(2-fluorophenyl)-N-[1-(2-phenylethyl)-4-piperidinyl]-butyramide).

"350. Ortho-fluorofentanyl
(N-(2-fluorophenyl)-N-[1-(2-phenylethyl)-4-piperidinyl]-propanamide).

"351. Para-chlorofentanyl
(N-(4-chlorophenyl)-N-[1-(2-phenylethyl)-4-piperidinyl]-propanamide).
"352. Para-chloroisobutyryl fentanyl
(N-(4-chlorophenyl)-N-[1-(2-phenylethyl)-4-piperidinyl]-isobutyramide).

"353. 4-Fluorobutyryl fentanyl
(N-(4-fluorophenyl)-N-[1-(2-phenylethyl)-4-piperidinyl]-butyramide).

"354. Para-methoxyfentanyl
(N-(4-methoxyphenyl)-N-[1-(2-phenylethyl)-4-piperidinyl]-propanamide).

"355. Para-methylfentanyl
(N-(4-methylphenyl)-N-[1-(2-phenylethyl)-4-piperidinyl]-propanamide).

"356. 4-Phenyl fentanyl
(N-phenyl-N-[4-phenyl-1-(2-phenylethyl)-4-piperidinyl]-propanamide).

"357. Trefentanyl
(N-(2-fluorophenyl)-N-\{1-[2-(4-ethyl-5-oxo-4,5-dihydro-1H-tetrazol-1-yl)ethyl]-4-phenyl-4-piperidinyl\}-propanamide).

"358. Valeryl fentanyl
(N-phenyl-N-[1-(2-phenylethyl)-4-piperidinyl]-pentanamide).

"359. Alpha-Methylacetylfentanyl
(N-phenyl-N-[1-phenylpropan-2-yl]-4-piperidinyl]-acetamide).

"360. Alpha-Methylbutyrfentanyl
(N-phenyl-N-[1-phenylpropan-2-yl]-4-piperidinyl]-butyramide).

"361. Alpha-Methylthiofentanyl
(N-phenyl-N-[1-(1-thienyl-2-ylpropan-2-yl)-4-piperidinyl]-propanamide).
362. Beta-Hydroxy fentanyl
(N-phenyl-N-[1-(2-hydroxy-2-phenylethyl)-4-piperidiny]-propanamide).

363. Beta-Methyl fentanyl
(N-phenyl-N-[1-(2-phenylpropyl)-4-piperidinyl]-propanamide).

364. U-47700
(3,4-Dichloro-N-[(1R,2R)-2-(dimethylamino)cyclohexyl]-N-methyl benzamide).

365. W-19
((Z)-N-{1-[2-(4-aminophenyl)ethyl]piperidin-2-ylidene}-4-chlor obenzenesulfonamide).

366. Flubromazolam
(8-bromo-6-(2-fluorophenyl)-1-methyl-4H-[1,2,4]triazolo[4,3-a][1,4]benzodiazepine).

(5)a. A synthetic controlled substance analogue, being a material, mixture, or preparation that contains any chemical structure of which is chemically similar to the chemical structure of any other controlled substance in Schedule I or Schedule II or that satisfies any one of the following:

1. Has a stimulant, depressant, or hallucinogenic effect on the central nervous system that mimics or is similar to or greater than the stimulant, depressant, or hallucinogenic effect on the central nervous system of a controlled substance in Schedule I or Schedule II.

2. With respect to a particular person, if the person represents or intends that the substance have a
stimulant, depressant, or hallucinogenic effect on the central nervous system that is substantially similar to or greater than the stimulant, depressant, or hallucinogenic effect on the central nervous system of a controlled substance in Schedule I or Schedule II and the substance is actually capable of producing a stimulant, depressant, or hallucinogenic effect on the central nervous system that mimics, is similar to, or is greater than the stimulant, depressant, or hallucinogenic effect on the central nervous system of a controlled substance in Schedule I or Schedule II.

"3. Has been demonstrated to have binding activity at one or more cannabinoid receptors.

"4. Is capable of exhibiting cannabinoid-like activity.

"5. Any compound structurally analogous to, mimicking, or derived from 3-(1-naphthoyl)indole or 1H-indol-3-yl-(1-naphthyl)methane by substitution at the nitrogen atom of the indole ring by alkyl, alkyl halide, aryl halide, alkyl aryl halide, alkenyl, aliphatic alcohol, cycloalkylmethyl, cycloalkylethyl, (N-alkylpiperidin-2-yl)methyl, (tetrahydropyran-4-yl)methyl, or 2-(4-morpholinyl)ethyl whether or not further substituted in the indole ring to any extent, whether or not substituted in the naphthyl ring to any extent.

"6. Any compound structurally analogous to, mimicking, or derived from 3-(1-naphthoyl)pyrrole by substitution at the nitrogen atom of the pyrrole ring by
alkyl, alkyl halide, aryl halide, alkyl aryl halide, alkenyl, aliphatic alcohol, cycloalkylmethyl, cycloalkylethyl, (N-alkylpiperidin-2-yl)methyl, (tetrahydropyran-4-yl)methyl, or 2-(4-morpholinyl)ethyl, whether or not further substituted in the pyrrole ring to any extent, whether or not substituted in the naphthyl ring to any extent.

"7. Any compound structurally analogous to, mimicking, or derived from 1-(1-naphthylmethyl)indene by substitution at the 3-position of the indene ring by alkyl, alkyl halide, aryl halide, alkyl aryl halide, alkenyl, aliphatic alcohol, cycloalkylmethyl, cycloalkylethyl, (N-alkylpiperidin-2-yl)methyl, (tetrahydropyran-4-yl)methyl, or 2-(4-morpholinyl)ethyl whether or not further substituted in the indene ring to any extent, whether or not substituted in the naphthyl ring to any extent.

"8. Any compound structurally analogous to, mimicking, or derived from 3-phenylacetylindole by substitution at the nitrogen atom of the indole ring with alkyl, alkyl halide, aryl halide, alkyl aryl halide, alkenyl, aliphatic alcohol, cycloalkylmethyl, cycloalkylethyl, (N-alkylpiperidin-2-yl)methyl, (tetrahydropyran-4-yl)methyl, or 2-(4-morpholinyl)ethyl, whether or not further substituted in the indole ring to any extent, whether or not substituted in the phenyl ring to any extent.

"9. Any compound structurally analogous to, mimicking, or derived from 2-(3-hydroxycyclohexyl)phenol by substitution at the 5-position of the phenolic ring by alkyl,
1 alkyl halide, aryl halide, alkyl aryl halide, alkenyl, 
2 aliphatic alcohol, cycloalkylmethyl, cycloalkylethyl, 
3 (N-alkylpiperidin-2-yl)methyl, (tetrahydropyran-4-yl)methyl, 
4 or 2-(4-morpholinyl)ethyl, whether or not substituted in the 
5 cyclohexyl ring to any extent.

"10. Any compound structurally analogous to, 
mimicking, or derived from 
3-(2,2,3,3-tetramethylcyclopropoyl)indole or 
1H-indol-3-yl-(2,2,3,3-tetramethylcyclopropoyl)methane by 
substitution at the nitrogen atom of the indole ring by alkyl, 
alkyl halide, aryl halide, alkyl aryl halide, alkenyl, 
aliphatic alcohol, cycloalkylmethyl, cycloalkylethyl, 
(N-alkylpiperidin-2-yl)methyl, (tetrahydropyran-4-yl)methyl, 
or 2-(4-morpholinyl)ethyl whether or not further substituted 
in the indole ring to any extent.

"11. Any compound structurally analogous to, 
mimicking, or derived from 3-(adamant-1-oyl)indole or 
1H-indol-3-yl-(1-adamantyl)methane by substitution at the 
nitrogen atom of the indole ring by alkyl, alkyl halide, aryl 
halide, alkyl aryl halide, alkenyl, aliphatic alcohol, 
cycloalkylmethyl, cycloalkylethyl, 
(N-alkylpiperidin-2-yl)methyl, (tetrahydropyran-4-yl)methyl, 
or 2-(4-morpholinyl)ethyl whether or not further substituted 
in the indole ring to any extent.

"12. Any compound structurally analogous to, 
mimicking, or derived from 
N-(1-naphthalenyl)indole-3-carboxyamide or
1H-indol-(N-naphthyl)-3-carboxamide by substitution at the nitrogen atom of the indole ring by alkyl, alkyl halide, aryl halide, alkyl aryl halide, alkenyl, aliphatic alcohol, cycloalkylmethyl, cycloalkylethyl, (N-alkylpiperidin-2-yl)methyl, (tetrahydropyran-4-yl)methyl, or 2-(4-morpholinyl)ethyl whether or not further substituted in the indole ring to any extent, whether or not substituted in the naphthyl ring to any extent.

"13. Any compound structurally analogous to, mimicking, or derived from N-(adamantan-1yl)indole-3-carboxyamide or 1H-indol-3-carboxamide-(1-adamantyl) by substitution at the nitrogen atom of the indole ring by alkyl, alkyl halide, aryl halide, alkyl aryl halide, alkenyl, aliphatic alcohol, cycloalkylmethyl, cycloalkylethyl, (N-alkylpiperidin-2-yl)methyl, (tetrahydropyran-4-yl)methyl, or 2-(4-morpholinyl)ethyl whether or not further substituted in the indole ring to any extent.

"14. Any compound structurally analogous to, mimicking, or derived from N-(adamantan-1yl)indazole-3-carboxyamide or 1H-indazole-3-carboxamide-(1-adamantyl) by substitution at the nitrogen atom of the indazole ring by alkyl, alkyl halide, aryl halide, alkyl aryl halide, alkenyl, aliphatic alcohol, cycloalkylmethyl, cycloalkylethyl, (N-alkylpiperidin-2-yl)methyl, (tetrahydropyran-4-yl)methyl,
or 2-(4-morpholinyl)ethyl whether or not further substituted
in the indazole ring to any extent.

"15. Any compound structurally analogous to,
mimicking, or derived from
N-[(1S)-1-(aminocarbonyl)-2-methylpropoyl]indazole-3-carboxamide
1H-indazole-3-carboxamide-N-[(1S)-1-(aminocarbonyl)-2-methylpropoyl] by substitution at the nitrogen atom of the indazole
ring by alkyl, alkyl halide, aryl halide, alkyl aryl halide,
alkenyl, aliphatic alcohol, cycloalkylmethyl, cycloalkylethyl,
(N-alkylpiperidin-2-yl)methyl, (tetrahydropyran-4-yl)methyl,
or 2-(4-morpholinyl)ethyl whether or not further substituted
in the indazole ring to any extent.

"16. Any compound structurally analogous to,
mimicking, or derived from 3-(1-naphthoyl)indazole or
1H-indazole-3-yl-(1-naphthyl)methane by substitution at the
nitrogen atom of the indazole ring by alkyl, alkyl halide,
aryl halide, alkyl aryl halide, alkenyl, aliphatic alcohol,
cycloalkylmethyl, cycloalkylethyl,
(N-alkylpiperidin-2-yl)methyl, (tetrahydropyran-4-yl)methyl,
or 2-(4-morpholinyl)ethyl whether or not further substituted
in the indazole ring to any extent, whether or not substituted
in the naphthyl ring to any extent.

"17. Any compound structurally analogous to,
mimicking, or derived from 3-(carboxylic acid 8-quinolinyl
ester)indole or 1H-indol-3-carboxylic acid-(8-quinolinyl)ester
by substitution at the nitrogen atom of the indole ring by
alkyl, alkyl halide, aryl halide, alkyl aryl halide, alkenyl, aliphatic alcohol, cycloalkylmethyl, cycloalkylethyl, (N-alkylpiperidin-2-yl)methyl, (tetrahydropyran-4-yl)methyl, or 2-(4-morpholinyl)ethyl whether or not further substituted in the indole ring to any extent, whether or not substituted in the quinoline ring to any extent.

"18. Any compound structurally related to 2-(4-iodo-2,5-dimethoxyphenyl) ethanamine by substitution of the iodo moiety (4 position) with other halides, alkyl, alkyl halides, thioalkyl, cycloalkyl, cycloalkylhalides and/or substitution at the nitrogen atom of the ethanamine with alkyl, alkyl halide, alkenyl, cycloalkylmethyl, cycloalkylethyl, phenyl, benzyl whether or not further substituted in the (either) phenyl ring to any extent.

"19. Any compound structurally related to 2,5-dimethoxy-4-chloroamphetamine by substitution of the chloro moiety (4 position) with other halides, alkyl, alkyl halides, thioalkyl, cycloalkyl, cycloalkylhalides and/or substitution at the nitrogen atom with alkyl, alkyl halide, alkenyl, cycloalkylmethyl, cycloalkylethyl, phenyl, benzyl whether or not further substituted in the (either) phenyl ring to any extent.

"20. Any compound structurally related to 2-amino-1-phenyl-1-propanone (cathinone) by substitution of the amine with alkyl, alkyl halide, alkenyl, cycloalkylmethyl, cycloalkylethyl, phenyl, benzyl whether or not further substituted in the (either) phenyl ring to any extent.
"21. Any compound structurally related to a-pyrrolidinopentiophenone (a-pvp) whether or not further substituted in the phenyl ring to any extent, whether or not further substituted in the pyrrolidine ring to any extent.

"b. A synthetic controlled substance or analogue in subdivision (4) or this subdivision does not include any of the following:

"1. Any substance for which there is an approved new drug application under the Federal Food, Drug, and Cosmetic Act.

"2. With respect to a particular person, any substance, if an exemption is in effect for investigational use, for that person, as provided by 21 U.S.C. § 355, and the person is registered as a controlled substance researcher as required under section 152.12, subdivision 3, to the extent conduct with respect to the substance is pursuant to the exemption and registration.

"c. A controlled substance analogue is treated as a controlled substance in Schedule I.

"d. After the Alabama Department of Forensic Sciences has determined a substance to be a synthetic controlled substance analogue under this section, the department shall notify the Alabama Department of Public Health with information relevant to scheduling as provided by Section 20-2-20."
Section 2. This act shall become effective immediately following its passage and approval by the Governor, or its otherwise becoming law.