SB273

U98QUGX-1

By Senators Weaver, Givhan, Allen, Barfoot, Roberts, Waggoner, Stutts, Kitchens, Gudger

RFD: Fiscal Responsibility and Economic Development

First Read: 01-Apr-25

SYNOPSIS:

Existing law lists tetrahydrocannabinol (THC) as a Schedule I controlled substance, but explicitly exempts THC found in hemp.

Delta-8 THC, Delta-9 THC, and Delta-10 THC are psychoactive cannabinoids that can be made from hemp-derived cannabidiol (CBD). Under existing law, these psychoactive cannabinoids sold in Alabama may not be sold to minors and must be located in an area where minors cannot access the products.

This bill would provide that only nonpsychoactive cannabinoids derived from or found in hemp are exempt from the Schedule I controlled substances list, thus classifying psychoactive cannabinoids as controlled substances.

This bill would provide that products that are ingested, whether orally or absorbed through the skin, that contain cannabidiol (CBD) or other nonpsychoactive cannibinoids found in or derived from hemp may only be sold in licensed pharmacies that obtain certification from the Alabama State Board of Pharmacy.

This bill would require the Alabama State Board of Pharmacy to inspect pharmacies pursuant to this act.

This bill would require testing of consumable hemp products prior to sale.

This bill would establish testing protocols for testing of hemp and consumable hemp products.

This bill would provide that only consumable hemp products using hemp cultivated in this state may be sold.

This bill would require the Department of Agriculture and Industries to establish a tracking program of hemp and consumable hemp products as well as the testing of these products.

This bill would also repeal the provision that prohibits the sale of psychoactive cannabinoids to minors.

A BILL

TO BE ENTITLED

AN ACT

Relating to hemp compounds; to require all ingestible hemp products that contain nonpscyhoactive cannabinoids such as cannabidiol (CBD) to be laboratory tested and only sold to the public in licensed pharmacies that obtain a certification from the Alabama State Board of Pharmacy; to establish testing protocols and require safety testing of these products; to limit the sale of consumable hemp products to products containing hemp cultivated within the state; to require the Department of Agriculture and Industries to establish a seed-to-sale tracking system to track hemp cultivation through

the production and testing of consumable hemp products; to amend Section 20-2-23, Code of Alabama 1975, to provide further for tetrahydrocannabinol listed as a Schedule I controlled substance; and to repeal Section 13A-12-214.4, Code of Alabama 1975, prohibiting the sale of pyschoactive cannabinoids to minors.

BE IT ENACTED BY THE LEGISLATURE OF ALABAMA:

Section 1. As used in Sections 1 through 5, the following terms have the following meanings:

(1) BOARD. The Alabama State Board of Pharmacy.

(2) CERTIFIED PHARMACY. A pharmacy that has obtained certification from the board to sell consumable hemp products.

(3) CONSUMABLE HEMP PRODUCT. a. Any product intended to be ingested or absorbed into the body which contains any amount of a nonpsychoactive cannabinoid and includes the following:

1. An oral tablet, capsule, or tincture.

2. A gummy.

3. A gel, oil, cream, or other topical preparation.

4. A suppository.

b. The term excludes:

1. Any product administered by smoking, combustion, or vaping.

2. A beverage or food product, such as cookies or candies.

3. Raw hemp plant material.

4. Any industrial hemp product regulated under Article 11 of Chapter 8 of Title 2, Code of Alabama 1975.

5. Any medical cannabis product regulated under Chapter 2A of Title 20, Code of Alabama 1975.

6. Any product approved by the United State Food and Drug Administration.

(4) DEPARTMENT. The Department of Agriculture and Industries.

(5) NONPSYCHOACTIVE CANNABINOID. A nonpsychoactive and naturally occurring cannabinoid compound found in hemp, as defined in Section 2-8-381, Code of Alabama 1975. The term includes, but is not limited to, cannabidiol (CBD) and cannabigerol (CBG). The term excludes any compound synthetically produced from a cannibinoid.

(6) PROCESSOR. A person that produces consumable hemp products.

Section 2. (a) On and after January 1, 2026, a consumable hemp product may only be sold in the state by a licensed pharmacy that meets the requirements of Sections 1 through 5 and only if the product has had a corresponding certificate of analysis issued on its behalf by the department.

(b) Any pharmacy that sells consumable hemp products on and after January 1, 2026, must obtain certification on an annual basis from the board, in a form prescribed by the board, by rule. The board may charge a reasonable annual filing fee, established by rule, to cover the costs of administering this section.

(c) A certified pharmacy must maintain on its premises the certificate of analysis issued by the department for each

consumable hemp product available for sale to the public.

(d) The board shall inspect all certified pharmacies no less than annually to determine if the pharmacy meets the requirements of this section and rules of the board.

(e) The board shall revoke the certification of any pharmacy that violates this section or a rule adopted pursuant to subsection (f) and shall revoke the license of any pharmacy that sells consumable hemp products on or after January 1, 2026, without obtaining a certification from the board.

(f) The board shall adopt rules as needed to implement this section.

Section 3. (a) On and after January 1, 2026, consumable hemp products may only contain nonpsychoactive cannabinoids that are derived from hemp cultivated within the state.

(b) The department shall develop, or contract for the development of, and maintain a seed-to-sale hemp tracking system that tracks the cultivation of hemp plants; the processing of nonpsychoactive cannabinboids into consumable hemp products; and the testing of hemp plants and plant material and consumable hemp products.

(c) Testing laboratories, hemp cultivators, processors, the board, and the department shall all have the ability to interface with the tracking system as needed, as determined by the department.

Section 4. (a) The department, by rule, shall establish protocols for random product testing, which may be conducted during hemp cultivation, processing, and consumable hemp product sales, to ensure consumable hemp products sold in this

state are consistently high grade, and maintain a consistency with less than 0.5 percent variability among batches of the same product. In addition, the protocols must provide for testing to allow the department to issue certificates of analysis that correspond to consumable hemp products offered for sale in this state, as further provided in subsection (f).

(b) The protocols for testing shall include the following, as well as a determination of corresponding tolerance limits:

(1) Cannabinoid content and potency, including, but not limited to, all of the following:

a. Total THC (THC+THCA).

b. Total CBD (CBD+CBDA).

c. THC/CBD ratio, if applicable.

d. Percent of THC relative to original plant material (w/w).

(2) Terpene profiles.

(3) Heavy metals.

(4) Chemical contamination, such as residual solvents remaining after extraction and concentration.

(5) Microbials, including pathogenic microbials.

(6) Mycotoxins.

(7) Residual insecticides, fungicides, herbicides, and growth regulators used during cultivation.

(c) The department shall collect a random sample of hemp at the premises of a hemp cultivator, a processor, or certified pharmacy for testing. In addition, processors shall submit samples for testing to allow for the department to

issue a certificate of analysis prior to a consumable hemp product being offered for sale to the public.

(d) The testing laboratory shall be accredited and shown to meet the requirements for a testing laboratory in international standard ISO/IEC 17025, with the laboratory's scope of accreditation demonstrating testing capabilities in the categories of cannabinoids, pesticides, toxins, metals, and microbiological bacteria.

(e) The testing laboratory shall implement procedures and test methods directly linking the testing results to each applicable source batch, product lot, and sample.

(f) The testing laboratory shall submit the test results, through the seed-to-sale hemp tracking system, to be reviewed by the department. The department shall verify whether the test results indicate that the consumable hemp product contains the specific nonpsychoactive cannabinoid listed on a product's label and does not contain more than trace amounts of a pscyhoactive cannabinoid, pesticide, toxin, metal, or microbiological bacteria. If the department verifies that the product meets these specific criteria, the department shall issue a certificate of analysis corresponding to the tested consumable hemp product.

(g) Costs associated with testing of hemp plants and plant material shall be borne by the cultivator, and the costs associated with testing of consumable hemp products shall be borne by the processor.

Section 5. The department shall adopt rules to implement and enforce Sections 1 through 5.

Section 6. Section 20-2-23, Code of Alabama 1975, is amended to read as follows:

"§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. Phenampromide;

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~~Marijuana;

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~~ nonpsychoactive cannabinoids derived from or found 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-Ethylnaphthalen-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-naphthalenyl-methanone, some trade or other names: (AM1220).

4. 1-(5-Fluoropentyl)-3-(2,2,3,3-tetramethylcyclopropyoyl)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)m

ethyl]-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-methoxyophenylacetyl)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-Methylethcathinone).

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

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

77. alpha-Pyrrolidinopropiophenone, 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).

80. 3,4-Methylenedioxy-alpha-pyrrolidinobutiophenone, some trade or other names: (MDPBP).

81. 1-(1,3-benzodioxol-5-yl)-2-(methylamino)pentan-1-one (Pentylone, bk-MBDP).

82. 3-Fluoroamphetamine, some trade or other names:

(3-FA).

83. 3-Fluoromethcathinone, some trade or other names: (3-FMC).

84. 2-Fluoromethcathinone, some trade or other names: (2-FMC).

85. 1-(1,3-benzodioxol-5-yl)-2-(dimethylamino)propan-1-one (bk-MDDMA).

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

87. 1,3-Dimethylamylamine, some trade or other names: (DMAA).

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

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

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

91. 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-ethylamphetamine, 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: (ETHYLPROPION, ETH-CAT).

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

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

113. 3,4-methylenedioxy-propiophenone.

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

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

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

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

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

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-pyrroldino-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-methlyenedioxymethcathinone.

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-Dimethylamphetamine, some trade or other names: (2,5-DMA).

155. 3,4-Dimethylamphetamine, some trade or other names: (3,4-DMA).

156. N-propylamphetamine.

157. 4-Hydroxyamphetamine.

158. 3-Hydroxyamphetamine.

159. Methylenedioxydimethylamphetamine, 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).

173. N-benzyl-2-phenylethylanamine.

174. N,N-dimethyl-2-phenylethanamine.

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-Fluoroephedrine.

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-chlorpentyl)-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-HTMPIPO).

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-iodo-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, Pasaden, 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. Desmorphine (Dihydrodesoxymorphine; permonid; krokodil; crocodile).

309. Acetyl Fentanyl (desmethylfentanyl).

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-aminoindane, some trade or other names: (5,6-MDAI).

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

319. MMAI.

320. W-15.

321. W-18.

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-piperdinyl}-propanamide).

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

327. Acrylfentanyl (N-phenyl-N-[1-(2-phenylethyl)-4-piperdinyl]-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]dio

xole-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-piperdinyl}-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-piperdinyl]-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-piperidnyl)-butyramide).

342. Meta-fluorofentanyl (N-(3-fluorophenyl)-N-[1-(2-phenylethyl)-4-piperidnyl)-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-furamide).

347. Ocfentanil (N-(2-fluorophenyl)-N-[1-(2-phenylethyl)-4-piperdinyl]-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-piperidnyl)-butyramide).

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

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

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

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

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

367. Tianeptine.

(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, 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 substituted in the 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-carboxyamide or 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~~Section 152.12, ~~subdivision~~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 7. Section 13A-12-214.4, Code of Alabama 1975, which prohibits the sale of psychoactive cannabinoids to minors, is repealed.

Section 8. This act shall become effective on July 1, 2025.