SENATE SUBSTITUTE

FOR

SENATE BILL NO. 1605

AN ACT

To repeal section 195.017, RSMo, and to enact in lieu thereof three new sections relating to 7-hydroxymitragynine.

Be it enacted by the General Assembly of the State of Missouri, as follows:

Section A. Section 195.017, RSMo, is repealed and three new sections enacted in lieu thereof, to be known as sections 195.017, 196.1170, and 196.1175, to read as follows:

195.017. 1. The department of health and senior services shall place a substance in Schedule I if it finds that the substance:

(1) Has high potential for abuse; and

(2) Has no accepted medical use in treatment in the United States or lacks accepted safety for use in treatment under medical supervision.

2. Schedule I:

(1) The controlled substances listed in this subsection are included in Schedule I;

(2) 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) Acetyl-alpha-methylfentanyl (N-(1-(1-methyl-2-phenethyl)-4-piperidinyl)-N-phenylacetamide);

(b) Acetylmethadol;

(c) Acetyl fentanyl (N-(1-phenethylpiperidin-4-yl)-N-phenylacetamide);

(d) Acryl fentanyl (-(1-phenethylpiperidin-4-yl)-N-phenylacrylamide);

(e) AH-7921(3,4-dichloro-N-[(1-dimethylamino) cyclohexylmethyl] benzamide);

(f) Allylprodine;

(g) Alphacetylmethadol (except levoalphacetylmethadol, also known as levo-alpha-acetylmethadol levothadyl acetate or LAAM);

(h) Alphameprodine;

(i) Alphamethadol;

(j) Alpha-methylfentanyl (N-1-(alphamethyl-beta-phenyl) ethyl-4-piperidyl) propionanilide; 1-(1-methyl-2-phenylethyl)-4 ((N-propanilido) piperidine);

(k) Alpha-methylthiofentanyl (N-(1-methyl-2-(2-thienyl) ethyl-4-piperidinyl)-N-phenylpropanamide);

(l) Benzethidine;

(m) Betacetylmethadol;

(n) Beta-hydroxyfentanyl (N-(1-(2-hydroxy-2-phenethyl)-4-piperidinyl)-N-phenylpropanamide);

(o) Beta-hydroxy-3-methylfentanyl (N-(1-(2-hydroxy-2-phenethyl)-3-methyl-4-piperidinyl)-N-phenylpropanamide);

(p) Betameprodine;

(q) Betamethadol;

(r) Betaprodine;

(s) Clonitazene;

(t) Dextromoramide;

(u) Diampromide;

(v) Cyclopropyl fentanyl;

(w) Diethylthiambutene;

(x) Difenoxin;

(y) Dimenoxadol;

(z) Dimepheptanol;

(aa) Dimethylthiambutene;

(bb) Dioxaphetyl butyrate;

(cc) Dipipanone;

(dd) Ethylmethylthiambutene;

(ee) Etonitazene;

(ff) Etoxeridine;

(gg) 4-fluoroisobutyryl fentanyl -(4-fluorophenyl)-N-(1-phenethylpiperidin-4-yl)isobutyramide;

(hh) Furanyl fentanyl -(1-phenethylpiperidin-4-yl)-N-phenylfuran-2-carboxamide;

(ii) Furethidine;

(jj) Hydroxypethidine;

(kk) Ketobemidone;

(ll) Levomoramide;

(mm) Levophenacylmorphan;

(nn) 3-Methylfentanyl (N-(3-methyl-1-(2-phenylethyl)-4-piperidyl)-N-phenylproanamide), its optical and geometric isomers, salts, and salts of isomers;

(oo) 3-Methylthiofentanyl (N-((3-methyl-1-(2-thienyl)ethyl-4-piperidinyl)-N-phenylpropanamide);

(pp) Methoxyacetyl fentanyl (2-methoxy-N-(1-phenethylpiperidin-4-yl)-N-phenylacetamide);

(qq) Morpheridine;

(rr) MPPP (1-methyl-4-phenyl-4-propionoxypiperidine);

(ss) MT-45(1-cyclohexyl-4-(1,2-diphenylethyl) piperazine);

(tt) Noracymethadol;

(uu) Norlevorphanol;

(vv) Normethadone;

(ww) Norpipanone;

(xx) Ocfentanil N-(2-fluorophenyl)-2-methoxy-N-(1-phenethylpiperidin-4-yl)acetamide;

(yy) Ortho-fluorofentanyl (N-2-(1-phenethylpiperidin-yl)propionamide); other name 2-fluorofentanyl;

(zz) para-fluorobutyryl fentanyl (N-4-fluorophenyl)-N-(1-phenethylpiperidin-4-yl)butyramide;

(aaa) Para-fluorofentanyl (N-(4-fluorophenyl)-N-(1-(2-phenethyl)-4-piperidinyl) propanamide;

(bbb) PEPAP (1-(2-phenethyl)-4-phenyl-4-acetoxypiperidine);

(ccc) Phenadoxone;

(ddd) Phenampromide;

(eee) Phenomorphan;

(fff) Phenoperidine;

(ggg) Piritramide;

(hhh) Proheptazine;

(iii) Properidine;

(jjj) Propiram;

(kkk) Racemoramide;

(lll) Tetrahydrofuranyl fentanyl (N-(1-phenethylpiperidin-4-yl)-N-phenyltetrahydrofuran-2-carboxamide);

(mmm) Thiofentanyl (-phenyl-N-(1-(2-thienyl)ethyl-4-piperidinyl)-propanamide;

(nnn) Tilidine;

(ooo) Trimeperidine;

(3) 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) Drotebanol;

(j) Etorphine (except hydrochloride salt);

(k) Heroin;

(l) Hydromorphinol;

(m) Methyldesorphine;

(n) Methyldihydromorphine;

(o) Morphine methylbromide;

(p) Morphine methylsulfonate;

(q) Morphine-N-Oxide;

(r) Myrophine;

(s) Nicocodeine;

(t) Nicomorphine;

(u) Normorphine;

(v) Pholcodine;

(w) Thebacon;

(4) Any of the following opiate similar synthetic substances scheduled by the U.S. Drug Enforcement Administration as substances that share a pharmacological profile similar to fentanyl, morphine, and other synthetic opioids, unless specifically excepted or unless listed in another schedule:

(a) Butyryl fentanyl (N-(1-phenethylpiperidin-4-yl)-N-phenylbutyramide);

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

(5) 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) Alpha-ethyltryptamine;

(b) 4-bromo-2,5-dimethoxyamphetamine;

(c) 4-bromo-2,5-dimethoxyphenethylamine;

(d) 2,5-dimethoxyamphetamine;

(e) 2,5-dimethoxy-4-ethylamphetamine;

(f) 2,5-dimethoxy-4-(n)-propylthiophenethylamine;

(g) 2-(2,5-Dimethoxy-4-(n)-propylphenyl) ethanamine;

(h) 2-(2,5-Dimethoxy-4-ethylphenyl) ethanamine;

(i) 2-(2,5-Dimethoxy-4-methylphenyl) ethanamine;

(j) 2-(2,5-Dimethoxy-4-nitro-phenyl) ethanamine;

(k) 2-(2,5-Dimethoxyphenyl) ethanamine;

(l) 2-(4-Chloro-2,5-dimethoxyphenyl) ethanamine;

(m) 2-(4-Ethylthio-2,5-dimethoxyphenyl) ethanamine;

(n) 2-(4-Iodo-2,5-dimethoxyphenyl) ethanamine;

(o) 2-(4-Isopropylthio)-2,5-dimethoxyphenyl) ethanamine;

(p) 4-methoxyamphetamine;

(q) 5-methoxy-3,4-methylenedioxyamphetamine;

(r) 4-methyl-2, 5-dimethoxyamphetamine;

(s) 3,4-methylenedioxyamphetamine;

(t) 3,4-methylenedioxymethamphetamine;

(u) 3,4-methylenedioxy-N-ethylamphetamine;

(v) N-hydroxy-3, 4-methylenedioxyamphetamine;

(w) 3,4,5-trimethoxyamphetamine;

(x) 5-MeO-DMT or 5-methoxy-N,N-dimethyltryptamine;

(y) Alpha-methyltryptamine;

(z) Bufotenine;

(aa) Diethyltryptamine;

(bb) Dimethyltryptamine;

(cc) 5-methoxy-N,N-diisopropyltryptamine;

(dd) Ibogaine;

(ee) Lysergic acid diethylamide;

(ff) Marijuana or marihuana, except industrial hemp;

(gg) Mescaline;

(hh) Parahexyl;

(ii) Peyote, to include all parts of the plant presently classified botanically as Lophophora williamsii Lemaire, whether growing or not; the seeds thereof; any extract from any part of such plant; and every compound, manufacture, salt, derivative, mixture or preparation of the plant, its seed or extracts;

(jj) N-ethyl-3-piperidyl benzilate;

(kk) N-methyl-3-piperidyl benzilate;

(ll) Psilocybin;

(mm) Psilocyn;

(nn) Tetrahydrocannabinols naturally contained in a plant of the genus Cannabis (cannabis plant), except industrial hemp, as well as synthetic equivalents of the substances contained in the cannabis plant, or in the resinous extractives of such plant, or synthetic substances, derivatives and their isomers, or both, with similar chemical structure and pharmacological activity to those substances contained in the plant, such as the following:

a. 1 cis or trans tetrahydrocannabinol and their optical isomers;

b. 6 cis or trans tetrahydrocannabinol and their optical isomers;

c. 3,4 cis or trans tetrahydrocannabinol and their optical isomers;

d. Any compounds of these structures, regardless of numerical designation of atomic positions covered;

(oo) Ethylamine analog of phencyclidine;

(pp) Pyrrolidine analog of phencyclidine;

(qq) Thiophene analog of phencyclidine;

(rr) 1-[1-(2-thienyl)cyclohexyl]pyrrolidine;

(ss) Salvia divinorum;

(tt) Salvinorin A;

(uu) Synthetic cannabinoids:

a. Any compound structurally 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, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(N-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, whether or not further substituted in the indole ring to any extent, whether or not substituted in the naphthyl ring to any extent. Including, but not limited to:

(i) AM2201, or 1-(5-fluoropentyl)-3-(1-naphthoyl)indole;

(ii) JWH-007, or 1-pentyl-2-methyl-3-(1-naphthoyl)indole;

(iii) JWH-015, or 1-propyl-2-methyl-3-(1-naphthoyl)indole;

(iv) JWH-018, or 1-pentyl-3-(1-naphthoyl)indole;

(v) JWH-019, or 1-hexyl-3-(1-naphthoyl)indole;

(vi) JWH-073, or 1-butyl-3-(1-naphthoyl)indole;

(vii) JWH-081, or 1-pentyl-3-(4-methoxy-1-naphthoyl)indole;

(viii) JWH-098, or 1-pentyl-2-methyl-3-(4-methoxy-1-naphthoyl)indole;

(ix) JWH-122, or 1-pentyl-3-(4-methyl-1-naphthoyl)indole;

(x) JWH-164, or 1-pentyl-3-(7-methoxy-1-naphthoyl)indole;

(xi) JWH-200, or 1-(2-(4-(morpholinyl)ethyl))-3-(1-naphthoyl)indole;

(xii) JWH-210, or 1-pentyl-3-(4-ethyl-1-naphthoyl)indole;

(xiii) JWH-398, or 1-pentyl-3-(4-chloro-1-naphthoyl)indole;

b. Any compound structurally derived from 3-(1-naphthoyl)pyrrole by substitution at the nitrogen atom of the pyrrole ring by alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(N-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, whether or not further substituted in the pyrrole ring to any extent, whether or not substituted in the naphthyl ring to any extent;

c. Any compound structurally derived from 1-(1-naphthylmethyl)indene by substitution at the 3-position of the indene ring by alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(N-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, whether or not further substituted in the indene ring to any extent, whether or not substituted in the naphthyl ring to any extent;

d. Any compound structurally derived from 3-phenylacetylindole by substitution at the nitrogen atom of the indole ring with alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(N-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, whether or not further substituted in the indole ring to any extent, whether or not substituted in the phenyl ring to any extent. Including, but not limited to:

(i) JWH-201, or 1-pentyl-3-(4-methoxyphenylacetyl)indole;

(ii) JWH-203, or 1-pentyl-3-(2-chlorophenylacetyl)indole;

(iii) JWH-250, or 1-pentyl-3-(2-methoxyphenylacetyl)indole;

(iv) JWH-251, or 1-pentyl-3-(2-methylphenylacetyl)indole;

(v) RCS-8, or 1-(2-cyclohexylethyl)-3-(2-methoxyphenylacetyl)indole;

e. Any compound structurally derived from 2-(3-hydroxycyclohexyl)phenol by substitution at the 5-position of the phenolic ring by alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(N-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, whether or not substituted in the cyclohexyl ring to any extent. Including, but not limited to CP 47, 497 and homologues, or 2-[(1R,3S)-3-hydroxycyclohexyl]-5-(2-methyloctan-2-yl)phenol, where side chain n=5, and homologues where side chain n-4,6, or 7;

f. Any compound containing a 3-(benzoyl)indole structure with substitution at the nitrogen atom of the indole ring by alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(N-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, whether or not further substituted in the indole ring to any extent and whether or not substituted in the phenyl ring to any extent. Including, but not limited to:

(i) AM-694, or 1-(5-fluoropentyl)-3-(2-iodobenzoyl)indole;

(ii) RCS-4, or 1-pentyl-3-(4-methoxybenzoyl)indole (SR-19 and RCS-4);

g. CP 50,556-1, or [(6S,6aR,9R,10aR)-9-hydroxy-6-methyl-3-[(2R)-5-phenylpentan-2-yl] oxy-5,6,6a,7,8,9,10,10a-octahydrophenanthridin-1-yl] acetate;

h. HU-210, or (6aR,10aR)-9-(hydroxymethyl)-6,6-dimethyl-3-(2-methyloctan-2-yl)-6a,7,10,10a-tetrahydrobenzo[c]chromen-1-ol;

i. HU-211, or Dexanabinol,(6aS,10aS)-9-(hydroxymethyl)-6,6-dimethyl-3-(2-methyloctan-2-yl)-6a,7,10,10a-tetrahydrobenzo[c]chromen-1-ol;

j. Dimethylheptylpyran, or DMHP;

(6) Any material, compound, mixture or preparation containing any quantity of the following substances having a depressant effect on the central nervous system, including their salts, isomers and salts of isomers whenever the existence of these salts, isomers and salts of isomers is possible within the specific chemical designation:

(a) Gamma-hydroxybutyric acid;

(b) Mecloqualone;

(c) Methaqualone;

(7) Any material, compound, mixture or preparation containing any quantity of the following substances having a stimulant effect on the central nervous system, including their salts, isomers and salts of isomers:

(a) Aminorex;

(b) N-benzylpiperazine;

(c) Cathinone;

(d) Fenethylline;

(e) 3-Fluoromethcathinone;

(f) 4-Fluoromethcathinone;

(g) Mephedrone, or 4-methylmethcathinone;

(h) Methcathinone;

(i) 4-methoxymethcathinone;

(j) (+,-)cis-4-methylaminorex ((+,-)cis-4,5-dihydro-4-methyl-5-phenyl-2-oxazolamine);

(k) Methylenedioxypyrovalerone, MDPV, or 1-(1,3-Benzodioxol-5-yl)-2-(1-pyrrolidinyl)-1-pentanone;

(l) Methylone, or 3,4-Methylenedioxymethcathinone;

(m) 4-Methyl-alpha-pyrrolidinobutiophenone, or MPBP;

(n) N-ethylamphetamine;

(o) N,N-dimethylamphetamine;

(p) Quinolin-8-yl 1-pentyl-1H-indole-3-carboxylate (PB-22; QUPIC);

(q) Quinolin-8-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate (5-fluoro-PB-22; 5F-PB-22);

(r) N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(4-fluorobenzyl)-1H-indazole-3-carboxamide (AB-FUBINACA);

(s) N-(1-amino-3, 3-dimethyl-1-oxobutan-2-yl)-1-pentyl-1H-indazole-3-carboxamide (ADB-PINACA);

(8) A temporary listing of substances subject to emergency scheduling under federal law shall include any material, compound, mixture or preparation which contains any quantity of the following substances:

(a) (1-pentyl-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)methanone, its optical, positional, and geometric isomers, salts, and salts of isomers;

(b) [1-(5-fluoro-pentyl)-1H-indol-3-yl](2,2,3,3-tetramethylcyclopropyl)methanone, its optical, positional, and geometric isomers, salts, and salts of isomers;

(c) N-(1-adamantyl)-1-pentyl-1H-indazole-3-carboxamide, its optical, positional, and geometric isomers, salts, and salts of isomers;

(d) 2-(4-iodo-2,5-dimethoxyphenyl)-N-(2-methoxybenzyl)ethanamine, its optical, positional, and geometric isomers, salts, and salts of isomers;

(e) 2-(4-chloro-2,5-dimethoxyphenyl)-N-(2-methoxybenzyl)ethanamine, its optical, positional, and geometric isomers, salts, and salts of isomers;

(f) 2-(4-bromo-2,5-dimethoxyphenyl)-N-(2-methoxybenzyl)ethanamine, its optical, positional, and geometric isomers, salts, and salts of isomers;

(g) 4-methyl-N-ethylcathinone, its optical, positional, and geometric isomers, salts, and salts of isomers;

(h) 4-methyl-alpha-pyrrolidinopropiophenone, its optical, positional, and geometric isomers, salts, and salts of isomers;

(i) Alpha-pyrrolidinopentiophenone, its optical, positional, and geometric isomers, salts, and salts of isomers;

(j) Butylone, its optical, positional, and geometric isomers, salts, and salts of isomers;

(k) Pentedrone, its optical, positional, and geometric isomers, salts, and salts of isomers;

(l) Pentylone, its optical, positional, and geometric isomers, salts, and salts of isomers;

(m) Naphyrone, its optical, positional, and geometric isomers, salts, and salts of isomers;

(n) Alpha-pyrrolidinobutiophenone, its optical, positional, and geometric isomers, salts, and salts of isomers;

(o) N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(cyclohexylmethyl)-1H-indazole-3-carboxamide, its optical, positional, and geometric isomers, salts, and salts of isomers;

(p) N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-pentyl-1H-indazole-3-carboxamide, its optical, positional, and geometric isomers, salts, and salts of isomers;

(q) [1-(5-fluoropentyl)-1H-indazole-3-yl](naphthalen-1-yl)methanone, its optical, positional, and geometric isomers, salts, and salts of isomers;

(r) N-[1-[2-hydroxy-2-(thiophen-2-yl) ethyl]piperidin-4-yl]-N-phenylpropionamide, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers;

(s) N-(1-phenethylpiperidin-4-yl)-N-phenylacetamide, its optical, positional, and geometric isomers, salts, and salts of isomers;

(t) N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-(cyclohexylmethyl)-1H-indazole-3-carboxamide, its optical, positional, and geometric isomers, salts, and salts of isomers;

(u) methyl 2-(1-(5-fluoropentyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate, its optical, positional, and geometric isomers, salts, and salts of isomers;

(v) methyl 2-(1-(5-fluoropentyl)-1H-indazole-3-carboxamido)-3-methylbutanoate, its optical, positional, and geometric isomers, salts, and salts of isomers;

(w) N-(adamantan-1-yl)-1-(5-fluoropentyl)-1H-indazole-3-carboxamide, its optical, positional, and geometric isomers, salts, and salts of isomers;

(x) N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-(4-fluorobenzyl)-1H-indazole-3-carboxamide, its optical, positional, and geometric isomers, salts, and salts of isomers;

(y) methyl 2-(1-(cyclohexylmethyl)-1H-indole-3-carboxamido)-3,3-dimethylbutanoate, its optical, positional, and geometric isomers, salts, and salts of isomers;

(z) methyl 2-(1-(4-fluorobenzyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate, its optical, positional, and geometric isomers, salts, and salts of isomers;

(aa) N-(2-fluorophenyl)-N-(1-phenethylpiperidin-4-yl)propionamide, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers;

(bb) methyl 2-(1-(4-fluorobenzyl)-1H-indazole-3-carboxamido)-3-methylbutanoate, its optical, positional, and geometric isomers, salts, and salts of isomers;

(cc) N-(1-phenethylpiperidin-4-yl)-N-phenylcyclopropanecarboxamide, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers;

(dd) N-(1-phenethylpiperidin-4-yl)-N-phenylpentanamide, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers;

(ee) N-(4-fluorophenyl)-N-(1-phenethylpiperidin-4-yl)butyramide, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers;

(ff) N-(4-methoxyphenyl)-N-(1-phenethylpiperidin-4-yl)butyramide, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers;

(gg) N-(4-chlorophenyl)-N-(1-phenethylpiperidin-4-yl)isobutyramide, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers;

(hh) N-(1-phenethylpiperidin-4-yl)-N-phenylisobutyramide, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers;

(ii) N-(1-phenethylpiperidin-4-yl)-N-phenylcyclopentanecarboxamide, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers;

(jj) Fentanyl-related substances, their isomers, esters, ethers, salts, and salts of isomers, esters, and ethers. Fentanyl-related substance shall mean any substance not otherwise listed under another Drug Enforcement Administration Controlled Substance Code Number, and for which no exemption or approval is in effect under section 505 of the Federal Food, Drug, and Cosmetic Act, 21 U.S.C. Section 355, that is structurally related to fentanyl by one or more of the following modifications:

a. Replacement of the phenyl portion of the phenethyl group by any monocycle, whether or not further substituted in or on the monocycle;

b. Substitution in or on the phenethyl group with alkyl, alkenyl, alkoxyl, hydroxyl, halo, haloalkyl, amino or nitro groups;

c. Substitution in or on the piperidine ring with alkyl, alkenyl, alkoxyl, ester, ether, hydroxyl, amino or nitro groups;

d. Replacement of the aniline ring with any aromatic monocycle, whether or not further substituted in or on the aromatic monocycle; or

e. Replacement of the N-propionyl group by another acyl group;

(kk) Naphthalen-1-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate, its optical, positional, and geometric isomers, salts, and salts of isomers (NM2201; CBL2201);

(ll) N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(5-fluoropentyl)-1H-indazole-3-carboxamide, its optical, positional, and geometric isomers, salts, and salts of isomers (5F-AB-PINACA);

(mm) 1-(4-cyanobutyl)-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide, its optical, positional, and geometric isomers, salts, and salts of isomers (4-CN-CUMYL-BUTINACA; 4-cyano-CUMYL-BUTINACA; 4-CN-CUMYLBINACA; CUMYL-4CN-BINACA; SGT-78);

(nn) methyl 2-(1-(cyclohexylmethyl)-1H-indole-3-carboxamido)-3-methylbutanoate, its optical, positional, and geometric isomers, salts, and salts of isomers (MMB-CHMICA, AMB-CHMICA);

(oo) 1-(5-fluoropentyl)-N-(2-phenylpropan-2-yl)-1H-pyrrolo[2,3-b]pyridine-3-carboxamide, its optical, positional, and geometric isomers, salts, and salts of isomers (5F-CUMYL-P7AICA);

(pp) N-ethylpentylone, its optical, positional, and geometric isomers, salts, and salts of isomers (ephylone, 1-(1,3-benzodioxol-5-yl)-2-(ethylamino)-pentan-1-one;

(qq) ethyl 2-(1-(5-fluoropentyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate, its optical, positional, and geometric isomers, salts, and salts of isomers (trivial name: 5F-EDMB-PINACA);

(rr) methyl 2-(1-(5-fluoropentyl)-1H-indole-3-carboxamido)-3,3-dimethylbutanoate, its optical, positional, and geometric isomers, salts, and salts of isomers (trivial name: 5F-MDMB-PICA);

(ss) N-(adamantan-1-yl)-1-(4-fluorobenzyl)-1H-indazole-3-carboxamide, its optical, positional, and geometric isomers, salts, and salts of isomers (trivial names: FUB-AKB48; FUB-APINACA; AKB48 N-(4-FLUOROBENZYL));

(tt) 1-(5-fluoropentyl)-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide, its optical, positional, and geometric isomers, salts, and salts of isomers (trivial names: 5F-CUMYL-PINACA; SGT-25);

(uu) (1-(4-fluorobenzyl)-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl) methanone, its optical, positional, and geometric isomers, salts, and salts of isomers (trivial name: FUB-144);

(vv) N-ethylhexedrone, its optical, positional, and geometric isomers, salts, and salts of isomers (Other name: 2-(ethylamino)-1-phenylhexan-1-one);

(ww) alpha-pyrrolidinohexanophenone, its optical, positional, and geometric isomers, salts, and salts of isomers (Other names: α-PHP; alpha-pyrrolidinohexiophenone; 1-phenyl-2-(pyrrolidin-1-yl)hexan-1-one);

(xx) 4-methyl-alpha-ethylaminopentiophenone, its optical, positional, and geometric isomers, salts, and salts

of isomers; (Other names: 4-MEAP; 2-(ethylamino)-1-(4-methylphenyl)pentan-1-one);

(yy) 4'-methyl-alpha-pyrrolidinohexiophenone, its optical, positional, and geometric isomers, salts, and salts of isomers (Other names: MPHP; 4'-methyl-alpha-pyrrolidinohexanophenone; 1-(4-methylphenyl)-2-(pyrrolidin-1-yl)hexan-1-one);

(zz) alpha-pyrrolidinoheptaphenone, its optical, positional, and geometric isomers, salts, and salts of isomers (Other names: PV8; 1-phenyl-2-(pyrrolidin-1-yl)heptan-1-one);

(aaa) 4'-chloro-alpha-pyrrolidinovalerophenone, its optical, positional, and geometric isomers, salts, and salts of isomers (Other names: 4-chloro-α-PVP; 4'-chloro-alpha-pyrrolidinopentiophenone; 1-(4-chlorophenyl)-2-(pyrrolidin-1-yl)pentan-1-one);

(9) Khat, to include all parts of the plant presently classified botanically as catha edulis, whether growing or not; the seeds thereof; any extract from any part of such plant; and every compound, manufacture, salt, derivative, mixture, or preparation of the plant, its seed or extracts;

(10) 7-Hydroxymitragynine (methyl (E)-2-[(2S,3S,7aS,12bS)-3-ethyl-7a-hydroxy-8-methoxy-2,3,4,6,7,12b-hexahydro-1H-indolo[2,3-a]quinolizin-2-yl]-3-methoxyprop-2-enoate) concentrated at a level above one thousand parts per million on a dry-weight basis.

3. The department of health and senior services shall place a substance in Schedule II if it finds that:

(1) The substance has high potential for abuse;

(2) The substance has currently accepted medical use in treatment in the United States, or currently accepted medical use with severe restrictions; and

(3) The abuse of the substance may lead to severe psychic or physical dependence.

4. The controlled substances listed in this subsection are included in Schedule II:

(1) Any of the following substances whether produced directly or indirectly by extraction from substances of vegetable origin, or independently by means of chemical synthesis, or by combination of extraction and chemical synthesis:

(a) Opium and opiate; and any salt, compound, derivative or preparation of opium or opiate, excluding apomorphine, thebaine-derived butorphanol, dextrorphan, nalbuphine, nalmefene, naloxegol, naloxone, and naltrexone, and their respective salts, but including the following:

a. Raw opium;

b. Opium extracts;

c. Opium fluid;

d. Powdered opium;

e. Granulated opium;

f. Tincture of opium;

g. Codeine;

h. Dihydroetorphine;

i. Ethylmorphine;

j. Etorphine hydrochloride;

k. Hydrocodone;

l. Hydromorphone;

m. Metopon;

n. Morphine;

o. Oripavine;

p. Oxycodone;

q. Oxymorphone;

r. Thebaine;

(b) Any salt, compound, derivative, or preparation thereof which is chemically equivalent or identical with any of the substances referred to in this subdivision, 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, derivative, or preparation thereof which is chemically equivalent or identical with any of these substances, but not including the following:

a. Decocainized coca leaves or extractions of coca leaves, which extractions do not contain cocaine or ecgonine; or

b. Ioflupane;

(e) Concentrate of poppy straw (the crude extract of poppy straw in either liquid, solid or powder form which contains the phenanthrene alkaloids of the opium poppy);

(2) Any of the following opiates, including their isomers, esters, ethers, salts, and salts of isomers, whenever the existence of these isomers, esters, ethers, and salts is possible within the specific chemical designation, dextrorphan and levopropoxyphene excepted:

(a) Alfentanil;

(b) Alphaprodine;

(c) Anileridine;

(d) Bezitramide;

(e) Bulk dextropropoxyphene;

(f) Carfentanil;

(g) Dihydrocodeine;

(h) Diphenoxylate;

(i) Fentanyl;

(j) Isomethadone;

(k) Levo-alphacetylmethadol;

(l) Levomethorphan;

(m) Levorphanol;

(n) Metazocine;

(o) Methadone;

(p) Methadone-Intermediate, 4-cyano-2-dimethylamino-4, 4-diphenylbutane;

(q) Moramide-Intermediate, 2-methyl-3-morpholino-1, 1-diphenylpropane-carboxylic acid;

(r) Pethidine (meperidine);

(s) Pethidine-Intermediate-A, 4-cyano-1-methyl-4-phenylpiperidine;

(t) Pethidine-Intermediate-B, ethyl-4-phenylpiperidine-4-carboxylate;

(u) Pethidine-Intermediate-C, 1-methyl-4-phenylpiperdine-4-carboxylic acid;

(v) Phenazocine;

(w) Piminodine;

(x) Racemethorphan;

(y) Racemorphan;

(z) Remifentanil;

(aa) Sufentanil;

(bb) Tapentadol;

(cc) Thiafentanil;

(3) Any material, compound, mixture, or preparation which contains any quantity of the following substances having a stimulant effect on the central nervous system:

(a) Amphetamine, its salts, optical isomers, and salts of its optical isomers;

(b) Lisdexamfetamine, its salts, isomers, and salts of its isomers;

(c) Methamphetamine, its salts, isomers, and salts of its isomers;

(d) Phenmetrazine and its salts;

(e) Methylphenidate;

(4) Any material, compound, mixture, or preparation which contains any quantity of the following substances having a depressant effect on the central nervous system, including its salts, isomers, and salts of isomers whenever the existence of those salts, isomers, and salts of isomers is possible within the specific chemical designation:

(a) Amobarbital;

(b) Glutethimide;

(c) Pentobarbital;

(d) Phencyclidine;

(e) Secobarbital;

(5) Hallucinogenic substances:

(a) Any material or compound which contains any quantity of nabilone;

(b) Dronabinol [(-)-Δ-9-trans tetrahydrocannabinol] in an oral solution in a drug product approved for marketing by the U.S. Food and Drug Administration;

(6) Any material, compound, mixture, or preparation which contains any quantity of the following substances:

(a) Immediate precursor to amphetamine and methamphetamine: Phenylacetone;

(b) Immediate precursors to phencyclidine (PCP):

a. 1-phenylcyclohexylamine;

b. 1-piperidinocyclohexanecarbonitrile (PCC);

(c) Immediate precursor to fentanyl: 4-anilino-N-phenethyl-4-piperidine (ANPP);

(7) Any material, compound, mixture, or preparation which contains any quantity of the following alkyl nitrites:

(a) Amyl nitrite;

(b) Butyl nitrite.

5. The department of health and senior services shall place a substance in Schedule III if it finds that:

(1) The substance has a potential for abuse less than the substances listed in Schedules I and II;

(2) The substance has currently accepted medical use in treatment in the United States; and

(3) Abuse of the substance may lead to moderate or low physical dependence or high psychological dependence.

6. The controlled substances listed in this subsection are included in Schedule III:

(1) Any material, compound, mixture, or preparation which contains any quantity of the following substances having a potential for abuse associated with a stimulant effect on the central nervous system:

(a) Benzphetamine;

(b) Chlorphentermine;

(c) Clortermine;

(d) Phendimetrazine;

(2) Any material, compound, mixture or preparation which contains any quantity or salt of the following substances or salts having a depressant effect on the central nervous system:

(a) Any material, compound, mixture or preparation which contains any quantity or salt of the following substances combined with one or more active medicinal ingredients:

a. Amobarbital;

b. Secobarbital;

c. Pentobarbital;

(b) Any suppository dosage form containing any quantity or salt of the following:

a. Amobarbital;

b. Secobarbital;

c. Pentobarbital;

(c) Any substance which contains any quantity of a derivative of barbituric acid or its salt;

(d) Chlorhexadol;

(e) Embutramide;

(f) Gamma hydroxybutyric acid and its salts, isomers, and salts of isomers contained in a drug product for which an application has been approved under Section 505 of the federal Food, Drug, and Cosmetic Act;

(g) Ketamine, its salts, isomers, and salts of isomers;

(h) Lysergic acid;

(i) Lysergic acid amide;

(j) Methyprylon;

(k) Perampanel, and its salts, isomers, and salts of isomers;

(l) Sulfondiethylmethane;

(m) Sulfonethylmethane;

(n) Sulfonmethane;

(o) Tiletamine and zolazepam or any salt thereof;

(3) Nalorphine;

(4) Any material, compound, mixture, or preparation containing limited quantities of any of the following narcotic drugs or their salts:

(a) Not more than 1.8 grams of codeine per one hundred milliliters or not more than ninety milligrams per dosage unit, with an equal or greater quantity of an isoquinoline alkaloid of opium;

(b) Not more than 1.8 grams of codeine per one hundred milliliters or not more than ninety milligrams per dosage unit with one or more active, nonnarcotic ingredients in recognized therapeutic amounts;

(c) Not more than 1.8 grams of dihydrocodeine per one hundred milliliters or not more than ninety milligrams per

dosage unit, with one or more active, nonnarcotic ingredients in recognized therapeutic amounts;

(d) Not more than three hundred milligrams of ethylmorphine per one hundred milliliters or not more than fifteen milligrams per dosage unit, with one or more active, nonnarcotic ingredients in recognized therapeutic amounts;

(e) Not more than five hundred milligrams of opium per one hundred milliliters or per one hundred grams or not more than twenty-five milligrams per dosage unit, with one or more active nonnarcotic ingredients in recognized therapeutic amounts;

(f) Not more than fifty milligrams of morphine per one hundred milliliters or per one hundred grams, with one or more active, nonnarcotic ingredients in recognized therapeutic amounts;

(5) Any material, compound, mixture, or preparation containing any of the following narcotic drugs or their salts: Buprenorphine;

(6) Anabolic steroids. Any drug or hormonal substance, chemically and pharmacologically related to testosterone (other than estrogens, progestins, corticosteroids, and dehydroepiandrosterone) that promotes muscle growth, except an anabolic steroid which is expressly intended for administration through implants to cattle or other nonhuman species and which has been approved by the Secretary of Health and Human Services for that administration. If any person prescribes, dispenses, or distributes such steroid for human use, such person shall be considered to have prescribed, dispensed, or distributed an anabolic steroid within the meaning of this subdivision. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture or preparation

containing any quantity of the following substances, including its salts, esters and ethers:

(a) 3ß,17ß-dihydroxy-5α-androstane;

(b) 3α,17β-dihydroxy-5α-androstane;

(c) 5α-androstan-3,17-dione;

(d) 1-androstenediol (3β,17β-dihydroxy-5α-androst-1-ene);

(e) 1-androstenediol (3α,17β-dihydroxy-5α-androst-1-ene);

(f) 4-androstenediol (3β,17β-dihydroxy-androst-4-ene);

(g) 5-androstenediol (3β,17β-dihydroxy-androst-5-ene);

(h) 1-androstenedione ([5α]-androst-1-en-3,17-dione);

(i) 4-androstenedione (androst-4-en-3,17-dione);

(j) 5-androstenedione (androst-5-en-3,17-dione);

(k) Bolasterone (7α, 17α-dimethyl-17β-hydroxyandrost-4-en-3-one);

(l) Boldenone (17β-hydroxyandrost-1,4,-diene-3-one);

(m) Boldione;

(n) Calusterone (7β, 17α-dimethyl-17β-hydroxyandrost-4-en-3-one);

(o) Clostebol (4-chloro-17β-hydroxyandrost-4-en-3-one);

(p) Dehydrochloromethyltestosterone (4-chloro-17β-hydroxy-17α-methyl-androst-1,4-dien-3-one);

(q) Desoxymethyltestosterone;

(r) 4-dihydrotestosterone (17ß-hydroxy-androstan-3-one);

(s) Drostanolone (17ß-hydroxy-2α-methyl-5α-androstan-3-one);

(t) Ethylestrenol (17α-ethyl-17ß-hydroxyestr-4-ene);

(u) Fluoxymesterone (9-fluoro-17α-methyl-11ß,17ß-dihydroxyandrost-4-en-3-one);

(v) Formebolone (2-formyl-17α-methyl-11α,17ß-dihydroxyandrost-1,4-dien-3-one);

(w) Furazabol (17α-methyl-17ß-hydroxyandrostano[2,3-c]-furazan);

(x) 13ß-ethyl-17ß-hydroxygon-4-en-3-one;

(y) 4-hydroxytestosterone (4,17ß-dihydroxy-androst-4-en-3-one);

(z) 4-hydroxy-19-nortestosterone (4,17ß-dihydroxy-estr-4-en-3-one);

(aa) Mestanolone (17α-methyl-17ß-hydroxy-5α-androstan-3-one);

(bb) Mesterolone (1α- methyl-17ß-hydroxy-[5α]-androstan-3-one);

(cc) Methandienone (17α-methyl-17ß-hydroxyandrost-1,4-dien-3-one);

(dd) Methandriol (17α-methyl-3ß,17ß-dihydroxyandrost-5-ene);

(ee) Methasterone (2α,17α-dimethyl-5α-androstan-17β-ol-3-one);

(ff) Methenolone (1-methyl-17ß-hydroxy-5α-androst-1-en-3-one);

(gg) 17α-methyl-3β,17β-dihydroxy-5α-androstane;

(hh) 17α-methyl-3α,17β-dihydroxy-5α-androstane;

(ii) 17α-methyl-3β,17β-dihydroxyandrost-4-ene;

(jj) 17α-methyl-4-hydroxynandrolone (17α-methyl-4-hydroxy-17β-hydroxyestr-4-en-3-one);

(kk) Methyldienolone (17α-methyl-17β-hydroxyestra-4,9(10)-dien-3-one);

(ll) Methyltrienolone (17α-methyl-17β-hydroxyestra-4,9,11-trien-3-one);

(mm) Methyltestosterone (17α-methyl-17β-hydroxyandrost-4-en-3-one);

(nn) Mibolerone (7α,17α-dimethyl-17β-hydroxyestr-4-en-3-one);

(oo) 17α-methyl-Δ1-dihydrotestosterone (17β-hydroxy-17α-methyl-5α-androst-1-en-3-one) (a.k.a. '17-α-methyl-1-testosterone');

(pp) Nandrolone (17β-hydroxyestr-4-ene-3-one);

(qq) 19-nor-4-androstenediol (3β,17β-dihydroxyestr-4-ene);

(rr) 19-nor-4-androstenediol (3α,17β-dihydroxyestr-4-ene);

(ss) 19-nor-4,9(10)-androstadienedione (estra-4,9(10)-diene-3,17-dione);

(tt) 19-nor-5-androstenediol (3β,17β-dihydroxyestr-5-ene);

(uu) 19-nor-5-androstenediol (3α,17β-dihydroxyestr-5-ene);

(vv) 19-nor-4-androstenedione (estr-4-en-3,17-dione);

(ww) 19-nor-5-androstenedione (estr-5-en-3,17-dione);

(xx) Norbolethone (13β,17α-diethyl-17β-hydroxygon-4-en-3-one);

(yy) Norclostebol (4-chloro-17β-hydroxyestr-4-en-3-one);

(zz) Norethandrolone (17α-ethyl-17β-hydroxyestr-4-en-3-one);

(aaa) Normethandrolone (17α-methyl-17β-hydroxyestr-4-en-3-one);

(bbb) Oxandrolone (17α-methyl-17β-hydroxy-2-oxa-[5α]-androstan-3-one);

(ccc) Oxymesterone (17α-methyl-4,17β-dihydroxyandrost-4-en-3-one);

(ddd) metholone (17α-methyl-2-hydroxymethylene-17β-hydroxy-[5α]-androstan-3-one);

(eee) Prostanozol (17β-hydroxy-5α-androstano[3,2-c]pyrazole);

(fff) Stanolone (Δ1-dihydrotestosterone (a.k.a. 1-testosterone)(17β-hydroxy-5α-androst-1-en-3-one));

(ggg) Stanozolol (17α-methyl-17ß-hydroxy-[5α]-androst-2-eno[3,2-c]-pyrazole);

(hhh) Stenbolone (17ß-hydroxy-2-methyl-[5α]-androst-1-en-3-one);

(iii) Testolactone (13-hydroxy-3-oxo-13,17-secoandrosta-1,4-dien-17-oic acid lactone);

(jjj) Testosterone (17ß-hydroxyandrost-4-en-3-one);

(kkk) Tetrahydrogestrinone (13ß,17α-diethyl-17ß-hydroxygon-4,9,11-trien-3-one);

(lll) Trenbolone (17ß-hydroxyestr-4,9,11-trien-3-one);

(mmm) Any salt, ester, or ether of a drug or substance described or listed in this subdivision, except an anabolic steroid which is expressly intended for administration through implants to cattle or other nonhuman species and which has been approved by the Secretary of Health and Human Services for that administration;

(7) Dronabinol (synthetic) in sesame oil and encapsulated in a soft gelatin capsule in a United States Food and Drug Administration approved drug product;

(8) The department of health and senior services may except by rule any compound, mixture, or preparation containing any stimulant or depressant substance listed in subdivisions (1) and (2) of this subsection from the application of all or any part of sections 195.010 to 195.320 if the compound, mixture, or preparation contains one or more active medicinal ingredients not having a stimulant or depressant effect on the central nervous system, and if the admixtures are included therein in combinations, quantity, proportion, or concentration that vitiate the potential for abuse of the substances which have

a stimulant or depressant effect on the central nervous system.

7. The department of health and senior services shall place a substance in Schedule IV if it finds that:

(1) The substance has a low potential for abuse relative to substances in Schedule III;

(2) The substance has currently accepted medical use in treatment in the United States; and

(3) Abuse of the substance may lead to limited physical dependence or psychological dependence relative to the substances in Schedule III.

8. The controlled substances listed in this subsection are included in Schedule IV:

(1) Any material, compound, mixture, or preparation containing any of the following narcotic drugs or their salts calculated as the free anhydrous base or alkaloid, in limited quantities as set forth below:

(a) Not more than one milligram of difenoxin and not less than twenty-five micrograms of atropine sulfate per dosage unit;

(b) Dextropropoxyphene (alpha-(+)-4-dimethylamino-1, 2-diphenyl-3-methyl-2-propionoxybutane);

(c) 2-[(dimethylamino)methyl]-1-(3-methoxyphenyl)cyclohexanol, its salts, optical and geometric isomers, and salts of these isomers (including tramadol);

(d) Any of the following limited quantities of narcotic drugs or their salts, which shall include one or more nonnarcotic active medicinal ingredients in sufficient proportion to confer upon the compound, mixture or preparation valuable medicinal qualities other than those possessed by the narcotic drug alone:

a. Not more than two hundred milligrams of codeine per one hundred milliliters or per one hundred grams;

b. Not more than one hundred milligrams of dihydrocodeine per one hundred milliliters or per one hundred grams;

c. Not more than one hundred milligrams of ethylmorphine per one hundred milliliters or per one hundred grams;

(2) Any material, compound, mixture or preparation containing any quantity of the following substances, including their salts, isomers, and salts of isomers whenever the existence of those salts, isomers, and salts of isomers is possible within the specific chemical designation:

(a) Alfaxalone;

(b) Alprazolam;

(c) Barbital;

(d) Bromazepam;

(e) Camazepam;

(f) Carisoprodol;

(g) Chloral betaine;

(h) Chloral hydrate;

(i) Chlordiazepoxide;

(j) Clobazam;

(k) Clonazepam;

(l) Clorazepate;

(m) Clotiazepam;

(n) Cloxazolam;

(o) Delorazepam;

(p) Diazepam;

(q) Dichloralphenazone;

(r) Estazolam;

(s) Ethchlorvynol;

(t) Ethinamate;

(u) Ethyl loflazepate;

(v) Fludiazepam;

(w) Flunitrazepam;

(x) Flurazepam;

(y) Fospropofol;

(z) Halazepam;

(aa) Haloxazolam;

(bb) Ketazolam;

(cc) Loprazolam;

(dd) Lorazepam;

(ee) Lormetazepam;

(ff) Mebutamate;

(gg) Medazepam;

(hh) Meprobamate;

(ii) Methohexital;

(jj) Methylphenobarbital (mephobarbital);

(kk) Midazolam;

(ll) Nimetazepam;

(mm) Nitrazepam;

(nn) Nordiazepam;

(oo) Oxazepam;

(pp) Oxazolam;

(qq) Paraldehyde;

(rr) Petrichloral;

(ss) Phenobarbital;

(tt) Pinazepam;

(uu) Prazepam;

(vv) Quazepam;

(ww) Suvorexant;

(xx) Temazepam;

(yy) Tetrazepam;

(zz) Triazolam;

(aaa) Zaleplon;

(bbb) Zolpidem;

(ccc) Zopiclone;

(3) Any material, compound, mixture, or preparation which contains any quantity of the following substance including its salts, isomers and salts of isomers whenever the existence of such salts, isomers and salts of isomers is possible: fenfluramine;

(4) Any material, compound, mixture, or preparation which contains any quantity of the following substances, including its salts, isomers, and salts of isomers, whenever the existence of such salts, isomers, and salts of isomers is possible: Lorcaserin;

(5) Any material, compound, mixture or preparation containing any quantity of the following substances having a stimulant effect on the central nervous system, including their salts, isomers and salts of isomers:

(a) Cathine ((+)-norpseudoephedrine);

(b) Diethylpropion;

(c) Fencamfamin;

(d) Fenproporex;

(e) Mazindol;

(f) Mefenorex;

(g) Modafinil;

(h) Pemoline, including organometallic complexes and chelates thereof;

(i) Phentermine;

(j) Pipradrol;

(k) Sibutramine;

(l) SPA ((-)-1-dimethyamino-1,2-diphenylethane);

(6) Any material, compound, mixture or preparation containing any quantity of the following substance, including its salts:

(a) Butorphanol (including its optical isomers);

(b) Eluxadoline (5-[[[(2S)-2-amino-3-[4-aminocarbonyl)-2,6-dimethylphenyl]-1-oxopropyl][(1S)-1-(4-phenyl-1 H-

imidazol-2-yl)ethyl]amino]methyl]-2-methoxybenzoic acid) (including its optical isomers) and its salts, isomers, and salts of isomers;

(c) Pentazocine;

(7) Ephedrine, its salts, optical isomers and salts of optical isomers, when the substance is the only active medicinal ingredient;

(8) The department of health and senior services may except by rule any compound, mixture, or preparation containing any depressant substance listed in subdivision (1) of this subsection from the application of all or any part of sections 195.010 to 195.320 and sections 579.015 to 579.086 if the compound, mixture, or preparation contains one or more active medicinal ingredients not having a depressant effect on the central nervous system, and if the admixtures are included therein in combinations, quantity, proportion, or concentration that vitiate the potential for abuse of the substances which have a depressant effect on the central nervous system.

9. The department of health and senior services shall place a substance in Schedule V if it finds that:

(1) The substance has low potential for abuse relative to the controlled substances listed in Schedule IV;

(2) The substance has currently accepted medical use in treatment in the United States; and

(3) The substance has limited physical dependence or psychological dependence liability relative to the controlled substances listed in Schedule IV.

10. The controlled substances listed in this subsection are included in Schedule V:

(1) Any compound, mixture or preparation containing any of the following narcotic drugs or their salts calculated as the free anhydrous base or alkaloid, in

limited quantities as set forth below, which also contains one or more nonnarcotic active medicinal ingredients in sufficient proportion to confer upon the compound, mixture or preparation valuable medicinal qualities other than those possessed by the narcotic drug alone:

(a) Not more than two and five-tenths milligrams of diphenoxylate and not less than twenty-five micrograms of atropine sulfate per dosage unit;

(b) Not more than one hundred milligrams of opium per one hundred milliliters or per one hundred grams;

(c) Not more than five-tenths milligram of difenoxin and not less than twenty-five micrograms of atropine sulfate per dosage unit;

(2) Any material, compound, mixture or preparation which contains any quantity of the following substance having a stimulant effect on the central nervous system including its salts, isomers and salts of isomers: pyrovalerone;

(3) Any compound, mixture, or preparation containing any detectable quantity of pseudoephedrine or its salts or optical isomers, or salts of optical isomers or any compound, mixture, or preparation containing any detectable quantity of ephedrine or its salts or optical isomers, or salts of optical isomers;

(4) Unless specifically exempted or excluded or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances having a depressant effect on the central nervous system, including its salts:

(a) Brivaracetam ((25)-2-[(4R)-2-oxo-4-propylpyrrolidin-1-yl]butanamide) (also referred to as BRV; UCB-34714; Briviact);

(b) Ezogabine [N-[2-amino-4(4-fluorobenzylamino)-phenyl]-carbamic acid ethyl ester];

(c) Lacosamide [(R)-2-acetoamido-N-benzyl-3-methoxy-propionamide];

(d) Pregabalin [(S)-3-(aminomethyl)-5-methylhexanoic acid];

(5) Any drug product in finished dosage formulation that has been approved by the U.S. Food and Drug Administration that contains cannabidiol (2-[1R-3-methyl-6R-(1-methylethenyl)-2-cyclohexen-1-yl]-5-pentyl-1,3-benzenediol) derived from cannabis and no more than 0.1 percent (w/w) residual tetrahydro cannabinols.

11. If any compound, mixture, or preparation as specified in subdivision (3) of subsection 10 of this section is dispensed, sold, or distributed in a pharmacy without a prescription:

(1) All packages of any compound, mixture, or preparation containing any detectable quantity of pseudoephedrine, its salts or optical isomers, or salts of optical isomers or ephedrine, its salts or optical isomers, or salts of optical isomers, shall be offered for sale only from behind a pharmacy counter where the public is not permitted, and only by a registered pharmacist or registered pharmacy technician; and

(2) Any person purchasing, receiving or otherwise acquiring any compound, mixture, or preparation containing any detectable quantity of pseudoephedrine, its salts or optical isomers, or salts of optical isomers or ephedrine, its salts or optical isomers, or salts of optical isomers shall be at least eighteen years of age; and

(3) The pharmacist, intern pharmacist, or registered pharmacy technician shall require any person, prior to such person's purchasing, receiving or otherwise acquiring such

compound, mixture, or preparation to furnish suitable photo identification that is issued by a state or the federal government or a document that, with respect to identification, is considered acceptable and showing the date of birth of the person;

(4) The seller shall deliver the product directly into the custody of the purchaser.

12. Pharmacists, intern pharmacists, and registered pharmacy technicians shall implement and maintain an electronic log of each transaction. Such log shall include the following information:

(1) The name, address, and signature of the purchaser;

(2) The amount of the compound, mixture, or preparation purchased;

(3) The date and time of each purchase; and

(4) The name or initials of the pharmacist, intern pharmacist, or registered pharmacy technician who dispensed the compound, mixture, or preparation to the purchaser.

13. Each pharmacy shall submit information regarding sales of any compound, mixture, or preparation as specified in subdivision (3) of subsection 10 of this section in accordance with transmission methods and frequency established by the department by regulation;

14. No person shall dispense, sell, purchase, receive, or otherwise acquire quantities greater than those specified in this chapter.

15. All persons who dispense or offer for sale pseudoephedrine and ephedrine products in a pharmacy shall ensure that all such products are located only behind a pharmacy counter where the public is not permitted.

16. The penalties for a knowing or reckless violation of the provisions of subsections 11 to 15 of this section are found in section 579.060.

17. The scheduling of substances specified in subdivision (3) of subsection 10 of this section and subsections 11, 12, 14, and 15 of this section shall not apply to any compounds, mixtures, or preparations that are in liquid or liquid-filled gel capsule form or to any compound, mixture, or preparation specified in subdivision (3) of subsection 10 of this section which must be dispensed, sold, or distributed in a pharmacy pursuant to a prescription.

18. The manufacturer of a drug product or another interested party may apply with the department of health and senior services for an exemption from this section. The department of health and senior services may grant an exemption by rule from this section if the department finds the drug product is not used in the illegal manufacture of methamphetamine or other controlled or dangerous substances. The department of health and senior services shall rely on reports from law enforcement and law enforcement evidentiary laboratories in determining if the proposed product can be used to manufacture illicit controlled substances.

19. The department of health and senior services shall revise and republish the schedules annually.

20. The department of health and senior services shall promulgate rules under chapter 536 regarding the security and storage of Schedule V controlled substances, as described in subdivision (3) of subsection 10 of this section, for distributors as registered by the department of health and senior services.

21. Logs of transactions required to be kept and maintained by this section and section 195.417 shall create a rebuttable presumption that the person whose name appears

in the logs is the person whose transactions are recorded in the logs.

196.1170. 1. As used in this section, the following terms mean:

(1) "Adulterated", the addition of fentanyl or any other controlled substance, a synthesized alkaloid or semi-synthesized alkaloid, or another substance prohibited by law;

(2) "Alkaloid fraction", a portion of a plant or plant extract that contains primarily alkaloid compounds;

(3) "Controlled substance", the same meaning as in section 195.010;

(4) "Kratom leaf", the leaf of the *Mitragyna speciosa* plant in fresh, dehydrated, or dried form;

(5) "Kratom leaf extract", the material extracted from a kratom leaf through the application of a solvent consisting of water, ethanol, food-grade carbon dioxide, or another solvent allowed by federal or state law to be used in the manufacturing of a food ingredient;

(6) "Kratom product", a food or dietary supplement that consists of, or contains, any part of a kratom leaf, a kratom leaf extract, or any kratom alkaloid, kratom constituent, or kratom metabolite. "Kratom product" shall not include any synthesized alkaloids or semi-synthesized alkaloids;

(7) "Semi-synthesized alkaloid", an alkaloid or alkaloid derivative of the kratom leaf that has been created by chemical synthesis or biosynthetic means, including, but not limited to, fermentation, recombinant techniques, yeast-derived techniques, and enzymatic techniques, rather than by traditional food preparation techniques such as heat or extracting.

2. No person shall:

(1) Knowingly prepare, distribute, advertise, sell, or offer to sell a kratom product:

(a) That is adulterated;

(b) To a person under twenty-one years of age;

(c) That contains 7-hydroxymitragynine concentrated at a level above one thousand parts per million on a dry-weight basis;

(d) That is a confection; mimics a candy product; or is manufactured, packaged, or distributed in a way that is appealing to children, including, but not limited to, the distinct shape of a human, an animal, or fruit; or

(e) That is combustible or intended for vaporization;

(2) Prepare, distribute, advertise, sell, or offer to sell a kratom product that does not have a label that clearly and conspicuously sets forth on each retail package:

(a) The name and address for the place of business of the manufacturer or distributor of the kratom product;

(b) The full list of ingredients in the kratom product;

(c) A disclosure and advice:

a. Against use by individuals who are under twenty-one years of age, pregnant, or breast-feeding;

b. To consult a health care professional prior to use;

c. That kratom may be habit-forming; and

d. That kratom may interact with certain medications, drugs, and controlled substances;

(d) The following statements:

a. "THESE STATEMENTS HAVE NOT BEEN EVALUATED BY THE FOOD AND DRUG ADMINISTRATION. THIS PRODUCT IS NOT INTENDED TO DIAGNOSE, TREAT, CURE, OR PREVENT ANY DISEASE."; and

b. "KEEP OUT OF REACH OF CHILDREN."; and

(e) Directions for use that include:

a. A recommended amount of the kratom product per serving;

b. The number of recommended servings per package;

c. A recommended number of servings of the kratom product that can be safely consumed in a twenty-four-hour period; and

d. Quantitative declarations of the amount of mitragynine and the amount of 7-hydroxymitragynine per serving of the kratom product; and

(3) Manufacture, package, label, or distribute a kratom product that:

(a) Contains synthesized alkaloids or semi-synthesized alkaloids; or

(b) Has 7-hydroxymitragynine concentrated at a level above one thousand parts per million on a dry-weight basis.

3. A person that conducts the activities described in subsection 2 of this section shall be deemed to have engaged in an unlawful practice in violation of section 407.020.

196.1175. 1. (1) A person shall not give, sell, distribute, dispense, or offer for sale a kratom product to any person who is under twenty-one years of age. Before giving, selling, distributing, dispensing, or offering to sell an individual any kratom product, a person shall request from the individual and examine a government-issued photographic identification that establishes that the individual is twenty-one years of age or older. A violation of this subsection shall constitute an infraction.

(2) It shall be an affirmative defense for any person alleged to have violated the provisions of subsection 1 of this section that the person furnishing the kratom product was presented with and reasonably relied upon a government-issued photographic identification that identified the individual receiving the kratom product as being twenty-one years of age or older.

2. Nothing in the provisions of this section shall be interpreted to prohibit a political subdivision from enacting an ordinance, rule, or regulation prohibiting the sale of kratom products to persons under twenty-one years of age or imposing requirements more stringent than those provided in this section; provided, that such ordinance, rule, or regulation does not establish a minimum age to purchase kratom products that is under twenty-one years of age.

3. As used in this section, the term "kratom" shall mean:

(1) Any part of the leaf of the *Mitragyna speciosa* plant if the plant contains the alkaloid mitragynine or 7-hydroxymitragynine; or

(2) A synthetic material that contains the alkaloid mitragynine or 7-hydroxymitragynine.