

FOURTH SCHEDULE

Regulations 14, 15 and 28

CONTROLLED DRUGS SUBJECT TO REQUIREMENTS OF REGULATIONS 10, 11, 12, 13, 14, 15 AND 28

1. The following substances and products, namely:

- (1) 1-Benzylpiperazine (also known as BZP)
- (2) 4-Bromo-2,5-dimethoxy- α -methylphenethylamine (also known as Brolamfetamine or DOB)
- (3) 2-(4-Bromo-2,5-dimethoxyphenyl)ethanamine (also known as 4-bromo-2,5-dimethoxyphenethylamine or 2C-B) and its bromo and dimethoxy positional isomers in the phenyl ring
- (4) [*Deleted by S 199/2016 wef 01/05/2016*]
- (5) Cannabinol
- (6) Cannabinol derivatives
- (7) Cannabis and cannabis resin
- (8) Cathinone
- (9) Coca leaf
- (10) Concentrate of poppy-straw
- (11) [*Deleted by S 199/2016 wef 01/05/2016*]
- (12) 2,5-Dimethoxy-4, α -dimethylphenethylamine (also known as 2-amino-1-(2,5-dimethoxy-4-methyl)phenylpropane or DOM)
- (13) 2,5-Dimethoxy- α -methylphenethylamine (also known as 2,5-Dimethoxyamphetamine) and its dimethoxy positional isomers in the phenyl ring
- (14) N, α -Dimethyl-3,4-(methylenedioxy)phenethylamine (also known as MDMA)
- (15) 3-(1,2-Dimethylheptyl)-1-hydroxy-7,8,9,10-tetrahydro-6,6,9-trimethyl-6H-dibenzo[b,d]pyran
- (16) [*Deleted by S 199/2016 wef 01/05/2016*]
- (17) 4-Ethyl-2,5-dimethoxy- α -methylphenethylamine
- (18) N-Ethyl- α -methyl-3,4-(methylenedioxy)phenethylamine (also known as MDEA)
- (19) Eticyclidine
- (20) [*Deleted by S 199/2016 wef 01/05/2016*]
- (21) 1-Hydroxy-3-pentyl-6a,7,10,10a-tetrahydro-6,6,9-trimethyl-6-H-dibenzo[b,d]pyran
- (22) Lysergamide
- (23) Lysergide and other N-alkyl derivatives of lysergamide
- (24) Mescaline
- (25) 3-Methoxy- α -methyl-4,5-(methylenedioxy)phenethylamine
- (26) p-Methoxy- α -methylphenethylamine (also known as 4-methoxyamphetamine or para-methoxyamphetamine) and its methoxy positional isomers in the phenyl ring
- (27) N-Methyl- α -ethyl-3,4-(methylenedioxy)phenethylamine (also known as MBDB)
- (28) N-[α -Methyl-3,4-(methylenedioxy)phenethyl]hydroxylamine

- (29) α -Methyl-3,4-(methylenedioxy)phenethylamine (also known as Tenamfetamine or MDA)
- (30) 4-Methylaminorex
- (31) [Deleted by S 199/2016 wef 01/05/2016]
- (32) Psilocybine
- (33) Rolicyclidine
- (34) Tenocyclidine
- (35) 1-(3-Trifluoromethylphenyl)piperazine (also known as TFMPP)
- (36) 3,4,5-Trimethoxy- α -methylphenethylamine

2. Opium, not being medicinal opium or a preparation falling within paragraph 3 or 8 of the First Schedule.

3. Any stereoisomeric form of a substance specified in paragraph 1.

4. Any ester or ether of a substance specified in paragraph 1 or 3.

5. Any salt of a substance specified in paragraph 1, 3 or 4.

6. Any preparation or other product containing a substance or product specified in paragraph 1, 3, 4 or 5, not being a preparation specified in the First Schedule.

7. Any compound containing a 3-(1-naphthoyl)indole structure with substitution at the nitrogen atom of the indole ring by an alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(N-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, and any derivatives of the above compounds containing hydroxy and/or carboxylic acid groups, whether or not further substituted in the indole ring to any extent and whether or not substituted in the naphthyl ring to any extent, including any salt or stereoisomeric form of the above compounds or derivatives, and any preparation or product containing the above compounds or derivatives, for example:

(1-Butyl-1H-indol-3-yl)(naphthalen-1-yl)methanone (also known as JWH-073)

- (1) (4-Chloronaphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanone (also known as JWH-398)
- (2) [1-(4-Chloropent-1-yl)-1H-indol-3-yl](naphthalen-1-yl)methanone (also known as 4-Chloro-AM-2201)
- (3) (4-Ethyl-naphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanone (also known as JWH-210)
- (4) [1-(5-Fluoropent-1-yl)-1H-indol-3-yl](4-methylnaphthalen-1-yl)methanone (also known as MAM-2201)
- (5) [1-(5-Fluoropent-1-yl)-1H-indol-3-yl](naphthalen-1-yl)methanone (also known as AM-2201)
- (6) [1-(4-Fluoropent-1-yl)-1H-indol-3-yl](naphthalen-1-yl)methanone (also known as 4-Fluoro-AM-2201)
- (7) [1-(5-Fluoropent-1-yl)-6-nitro-1H-indol-3-yl](naphthalen-1-yl)methanone (also known as AM-1235)
- (8) [1-(Heptan-2-yl)-2-methyl-1H-indol-3-yl](naphthalen-1-yl)methanone (also known as JWH-011)
- (9) (1-Heptyl-1H-indol-3-yl)(naphthalen-1-yl)methanone (also known as JWH-020)
- (10) (1-Hexyl-1H-indol-3-yl)(naphthalen-1-yl)methanone (also known as JWH-019)
- (11) (4-Methoxynaphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanone (also known as JWH-081)
- (12) (2-Methyl-1-propyl-1H-indol-3-yl)(naphthalen-1-yl)methanone (also known as JWH-015)
- (13) (4-Methylnaphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanone (also known as JWH-122)
- (14) {1-[(1-Methylpiperidin-2-yl)methyl]-1H-indol-3-yl}(naphthalen-1-yl)methanone (also known as AM-1220)
- (15) {1-[2-(Morpholin-4-yl)ethyl]-1H-indol-3-yl}(naphthalen-1-yl)methanone (also known as JWH-200)
- (16) Naphthalen-1-yl[1-(pent-4-en-1-yl)-1H-indol-3-yl]methanone (also known as JWH-022)
- (17) Naphthalen-1-yl(1-pentyl-1H-indol-3-yl)methanone (also known as JWH-018)
- (18) Naphthalen-1-yl(1-propyl-1H-indol-3-yl)methanone (also known as JWH-072)
- (19)

8. Any compound containing a 3-(1-naphthylmethyl)indole structure with substitution at the nitrogen atom of the indole ring by an alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(N-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, and any derivatives of the above compounds containing hydroxy and/or carboxylic acid groups, whether or not further substituted in the indole ring to any extent and whether or not substituted in the naphthyl ring to any extent, including any salt or stereoisomeric form of the above compounds or derivatives, and any preparation or product containing the above compounds or derivatives, for example:

- (1) 3-[(4-Methylnaphthalen-1-yl)methyl]-1-pentyl-1H-indole (also known as JWH-184)
- (2) 3-(Naphthalen-1-ylmethyl)-1-pentyl-1H-indole (also known as JWH-175)

9. Any compound containing a 3-(1-naphthoyl)pyrrole structure with substitution at the nitrogen atom of the pyrrole ring by an alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(N-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, and any derivatives of the above compounds containing hydroxy and/or carboxylic acid groups, whether or not further substituted in the pyrrole ring to any extent and whether or not substituted in the naphthyl ring to any extent, including any salt or stereoisomeric form of the above compounds or derivatives, and any preparation or product containing the above compounds or derivatives, for example:

- (1) [5-(2-Chlorophenyl)-1-pentyl-1H-pyrrol-3-yl](naphthalen-1-yl)methanone (also known as JWH-369)
- (2) [5-(2-Fluorophenyl)-1-pentyl-1H-pyrrol-3-yl](naphthalen-1-yl)methanone (also known as JWH-307)
- (3) [5-(3-Fluorophenyl)-1-pentyl-1H-pyrrol-3-yl](naphthalen-1-yl)methanone (also known as JWH-368)
- (4) (1-Hexyl-5-phenyl-1H-pyrrol-3-yl)(naphthalen-1-yl)methanone (also known as JWH-147)
- (5) (1-Hexyl-1H-pyrrol-3-yl)(naphthalen-1-yl)methanone (also known as JWH-031)
- (6) [5-(2-Methylphenyl)-1-pentyl-1H-pyrrol-3-yl](naphthalen-1-yl)methanone (also known as JWH-370)
- (7) Naphthalen-1-yl[5-(naphthalen-1-yl)-1-pentyl-1H-pyrrol-3-yl]methanone (also known as JWH-309)
- (8) Naphthalen-1-yl(1-pentyl-5-phenyl-1H-pyrrol-3-yl)methanone (also known as JWH-145)
- (9) Naphthalen-1-yl(1-pentyl-1H-pyrrol-3-yl)methanone (also known as JWH-030)

10. Any compound containing a naphthylideneindene structure with substitution at the 3-position of the indene ring by an alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(N-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, and any derivatives of the above compounds containing hydroxy and/or carboxylic acid groups, whether or not further substituted in the indene ring to any extent and whether or not substituted in the naphthyl ring to any extent, including any salt or stereoisomeric form of the above compounds or derivatives, and any preparation or product containing the above compounds or derivatives, for example:

- (1) E-1-[1-(1-Naphthalenylmethylene)-1H-inden-3-yl]pentane (also known as JWH-176)

11. Any compound containing a 3-phenylacetylindole structure with substitution at the nitrogen atom of the indole ring by an alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(N-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, and any derivatives of the above compounds containing hydroxy and/or carboxylic acid groups, 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 any salt or stereoisomeric form of the above compounds or derivatives, and any preparation or product containing the above compounds or derivatives, for example:

- (1) 2-(2-Chlorophenyl)-1-(1-pentyl-1H-indol-3-yl)ethanone (also known as JWH-203)
- (2) 1-[1-(2-Cyclohexylethyl)-1H-indol-3-yl]-2-(2-methoxyphenyl)ethanone (also known as RCS-8)
- (3) 2-(2-Methoxyphenyl)-1-{1-[(1-methylpiperidin-2-yl)methyl]-1H-indol-3-yl}ethanone (also known as cannabipiperidiethanone)
- (4) 2-(2-Methoxyphenyl)-1-(1-pentyl-1H-indol-3-yl)ethanone (also known as JWH-250)
- (5) 2-(3-Methoxyphenyl)-1-(1-pentyl-1H-indol-3-yl)ethanone (also known as JWH-302)
- (6) 2-(4-Methoxyphenyl)-1-(1-pentyl-1H-indol-3-yl)ethanone (also known as JWH-201)
- (7) 2-(2-Methylphenyl)-1-(1-pentyl-1H-indol-3-yl)ethanone (also known as JWH-251)

12. Any compound containing a 2-(3-hydroxycyclohexyl)phenol structure with substitution at the 5-position of the phenolic ring by an alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(N-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, and any derivatives of the above compounds containing hydroxy and/or carboxylic acid groups, whether or not substituted in the cyclohexyl ring to any extent, including any salt or stereoisomeric form of the above compounds or derivatives, and any preparation or product containing the above compounds or derivatives, for example:

- (1) 2-[5-Hydroxy-2-(3-hydroxypropyl)cyclohexyl]-5-(2-methyloctan-2-yl)phenol (also known as CP55,940)
- (2) 2-(3-Hydroxycyclohexyl)-5-(2-methyloctan-2-yl)phenol (also known as CP47,497)

13. Any compound containing a 3-(benzoyl)indole structure with substitution at the nitrogen atom of the indole ring by an alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(N-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, and any derivatives of the above compounds containing hydroxy and/or carboxylic acid groups, 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 any salt or stereoisomeric form of the above compounds or derivatives, and any preparation or product containing the above compounds or derivatives, for example:

- (1) [1-(5-Fluoropentyl)-1H-indol-3-yl](2-iodophenyl)methanone (also known as AM-694)
- (2) (2-Iodo-5-nitrophenyl){1-[(1-methylpiperidin-2-yl)methyl]-1H-indol-3-yl}methanone (also known as AM-1241)
- (3) (2-Iodophenyl){1-[(1-methylpiperidin-2-yl)methyl]-1H-indol-3-yl}methanone (also known as AM-2233)
- (4) (2-Iodophenyl)(1-pentyl-1H-indol-3-yl)methanone (also known as AM-679)
- (5) (4-Methoxyphenyl){2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}methanone (also known as pravadoline)
- (6) (4-Methoxyphenyl)(1-pentyl-1H-indol-3-yl)methanone (also known as RCS-4)

14. Any compound containing a 3-(1-adamantoyl)indole structure with substitution at the nitrogen atom of the indole ring by an alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(N-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, and any derivatives of the above compounds containing hydroxy and/or carboxylic acid groups, whether or not further substituted in the indole ring to any extent and whether or not substituted in the adamantyl ring to any extent, including any salt or stereoisomeric form of the above compounds or derivatives, and any preparation or product containing the above compounds or derivatives, for example:

- (1) Adamantan-1-yl{1-[(1-methylpiperidin-2-yl)methyl]-1H-indol-3-yl}methanone (also known as AM-1248)
- (2) Adamantan-1-yl(1-pentyl-1H-indol-3-yl)methanone (also known as AB-001)

15. Any compound, other than bupropion and 2-(Diethylamino)-1-phenyl-1-propanone (also known as amfepramone or diethylpropion or diethylcathinone), that is structurally derived from 2-amino-1-phenylpropan-1-one by modification in any of the following ways:

- (a) substitution in the phenyl ring to any extent with alkyl, alkoxy, alkylenedioxy, haloalkyl, or halide substituents, whether or not further substituted in the phenyl ring by one or more other univalent substituents;
- (b) substitution at the 3-position with an alkyl substituent;
- (c) substitution at the nitrogen atom with alkyl or dialkyl, benzyl or methoxybenzyl groups, or by inclusion of the nitrogen atom in a cyclic structure,

including any salt or stereoisomeric form of the above compounds, and any preparation or product containing the above compounds, for example:

- (1) 1-(1,3-Benzodioxol-5-yl)-2-(benzylamino)propan-1-one (also known as 3,4-Methylenedioxy-N-benzylcathinone or BMDP)
- (1A) 1-(1,3-Benzodioxol-5-yl)-2-(dimethylamino)-1-propanone (also known as bk-MDDMA)

- (1B) 1-(1,3-Benzodioxol-5-yl)-2-(ethylamino)propan-1-one (also known as ethylone or 3,4-Methylenedioxy-N-ethylcathinone or bk-MDEA or MDEC)
- (2) 1-(1,3-Benzodioxol-5-yl)-2-(ethylamino)propan-1-one (also known as ethylone)
- (3) 1-(1,3-Benzodioxol-5-yl)-2-(methylamino)butan-1-one (also known as butylone)
- (4) 1-(1,3-Benzodioxol-5-yl)-2-(methylamino)pentan-1-one (also known as pentylone)
- (5) 1-(1,3-Benzodioxol-5-yl)-2-(methylamino)propan-1-one (also known as methylone or 3,4-methylenedioxy-N-methylcathinone)
- (6) 1-(1,3-Benzodioxol-5-yl)-2-(pyrrolidin-1-yl)butan-1-one (also known as MDPBP)
- (7) 1-(1,3-Benzodioxol-5-yl)-2-(pyrrolidin-1-yl)pentan-1-one (also known as 3,4-methylenedioxypropylone or MDPV)
- (8) 1-(1,3-Benzodioxol-5-yl)-2-(pyrrolidin-1-yl)propan-1-one (also known as MDPPP)
- (8A) 2-(Benzylamino)-1-(4-methylphenyl)propan-1-one (also known as Benzedrone);
- (8AA) 1-(4-Bromophenyl)-2-(methylamino)propan-1-one (also known as 4-Bromomethcathinone or Brepheдрone or 4-BMC)
- (8B) 1-(4-Chlorophenyl)-2-(methylamino)propan-1-one (also known as 4-Chloromethcathinone or Clephedrone or 4-CMC)
- (9) 2-(Dimethylamino)-1-phenylpropan-1-one (also known as metamfepramone or dimethylcathinone)
- (10) 1-(3,4-Dimethylphenyl)-2-(methylamino)propan-1-one (also known as 3,4-Dimethylmethcathinone or 3,4-DMMC)
- (10A) 2-(Ethylamino)-1-(4-ethylphenyl)propan-1-one (also known as 4-Ethylethcathinone)
- (10B) 2-(Ethylamino)-1-(4-fluorophenyl)propan-1-one (also known as 4-Fluoroethcathinone or 4-FEC)
- (11) 2-(Ethylamino)-1-(4-methylphenyl)propan-1-one (also known as 4-Methylethcathinone or 4-MEC)
- (12) 2-(Ethylamino)-1-phenylbutan-1-one (also known as N-ethylbuphedrone)
- (13) 2-(Ethylamino)-1-phenylpentan-1-one (also known as α -Ethylaminopentiophenone)
- (14) 2-(Ethylamino)-1-phenylpropan-1-one (also known as ethcathinone)
- (14A) 1-(4-Ethylphenyl)-2-(methylamino)propan-1-one (also known as 4-Ethylmethcathinone or 4-EMC)
- (15) 1-(4-Fluorophenyl)-2-(methylamino)propan-1-one (also known as 4-Fluoromethcathinone or Flephedrone or 4-FMC)
- (15A) 1-(4-Fluorophenyl)-2-(pyrrolidin-1-yl)pentan-1-one (also known as 4-Fluoro- α -PVP)
- (16) 1-(4-Methoxyphenyl)-2-(methylamino)propan-1-one (also known as 4-Methoxymethcathinone or Methedrone or bk-PMMA or PMMC)
- (17) 1-(4-Methoxyphenyl)-2-(pyrrolidin-1-yl)propan-1-one (also known as MOPPP)
- (17A) 2-(Methylamino)-1-(4-methylphenyl)butan-1-one (also known as 4-Methylbuphedrone or 4-Me-MABP)
- (18) 2-(Methylamino)-1-phenylbutan-1-one (also known as buphedrone)
- (19) 2-(Methylamino)-1-phenylpentan-1-one (also known as pentedrone or α -Methylaminovalerophenone)

- (20) 2-(Methylamino)-1-phenylpropan-1-one (also known as methcathinone)
- (21) 1-(4-Methylphenyl)-2-(methylamino)propan-1-one (also known as 4-Methylmethcathinone or Mephedrone or 4-MMC)
- (22) 1-(4-Methylphenyl)-2-(pyrrolidin-1-yl)butan-1-one (also known as MPBP)
- (22A) 1-(4-Methylphenyl)-2-(pyrrolidin-1-yl)hexan-1-one (also known as 4-Methyl- α -pyrrolidinohexanophenone or MPHP)
- (23) 1-(4-Methylphenyl)-2-(pyrrolidin-1-yl)pentan-1-one (also known as pyrovalerone)
- (23A) 1-(4-Methylphenyl)-2-(pyrrolidin-1-yl)propan-1-one (also known as 4-Methyl- α -pyrrolidinopropiophenone or 4-MePPP)
- (24) 1-Phenyl-2-(pyrrolidin-1-yl)butan-1-one (also known as α -PBP)
- (25) 1-Phenyl-2-(pyrrolidin-1-yl)pentan-1-one (also known as α -PVP)
- (26) 1-Phenyl-2-(pyrrolidin-1-yl)propan-1-one (also known as α -PPP)

16. Any compound that is structurally derived from 2-aminopropan-1-one by substitution at the 1-position with any monocyclic, or fused-polycyclic ring system (not being a phenyl ring or alkylendioxyphenyl ring system), whether or not the compound is further modified in any of the following ways:

- (a) substitution in the ring system to any extent with alkyl, alkoxy, haloalkyl, or halide substituents, whether or not further substituted in the ring system by one or more other univalent substituents;
- (b) substitution at the 3-position with an alkyl substituent;
- (c) substitution at the 2-amino nitrogen atom with alkyl or dialkyl groups, or by inclusion of the 2-amino nitrogen atom in a cyclic structure,

including any salt or stereoisomeric form of the above compounds, and any preparation or product containing the above compounds, for example:

- (1) 1-(Naphthalen-2-yl)-2-(pyrrolidin-1-yl)pentan-1-one (also known as naphyrone or naphthylpyrovalerone)
- (2) 2-(Pyrrolidin-1-yl)-1-(thiophen-2-yl)pentan-1-one (also known as α -Pyrrolidinopentiothiophenone or α -PVT)

17. The following compounds, including any salt or stereoisomeric form of such compounds, and any preparation or product containing such compounds:

- (1) N-(1-Adamantyl)-5-fluoropentyl-1H-indazole-3-carboxamide (also known as 5-Fluoro-APINACA or 5F-AKB48) and its fluoro positional isomers in the pentyl group
- (1A) N-(1-Adamantyl)-5-fluoropentyl-1H-indole-3-carboxamide (also known as 5-Fluoro-APICA or STS-135) and its fluoro positional isomers in the pentyl group
- (1B) N-(1-Adamantyl)-1-pentyl-1H-indazole-3-carboxamide (also known as APINACA)
- (2) N-(1-Adamantyl)-1-pentyl-1H-indole-3-carboxamide (also known as APICA)
- (2A) 2-Amino-1-(4-bromo-2,5-dimethoxyphenyl)ethan-1-one (also known as bk-2C-B) and its bromo and dimethoxy positional isomers in the phenyl ring
- (2B) N-(1-Amino-3,3-dimethyl-1-oxobutan-2-yl)-1-(cyclohexylmethyl)-1H-indazole-3-carboxamide (also known as MAB-CHMINACA or ADB-CHMINACA)

- (2C) N-(1-Amino-3,3-dimethyl-1-oxobutan-2-yl)-1-(5-fluoropentyl)-1H-indazole-3-carboxamide (also known as 5-Fluoro-ADB-PINACA) and its fluoro positional isomers in the pentyl group
- (2D) N-(1-Amino-3,3-dimethyl-1-oxobutan-2-yl)-1-pentyl-1H-indazole-3-carboxamide (also known as ADB-PINACA)
- (2E) N-(1-Amino-3-methyl-1-oxobutan-2-yl)-1-(5-chloropentyl)-1H-indazole-3-carboxamide (also known as 5-Chloro-AB-PINACA) and its chloro positional isomers in the pentyl group
- (2F) N-(1-Amino-3-methyl-1-oxobutan-2-yl)-1-(cyclohexylmethyl)-1H-indazole-3-carboxamide (also known as AB-CHMINACA)
- (2G) N-(1-Amino-3-methyl-1-oxobutan-2-yl)-1-(4-fluorobenzyl)-1H-indazole-3-carboxamide (also known as AB-FUBINACA) and its fluoro positional isomers in the phenyl ring
- (2H) N-(1-Amino-3-methyl-1-oxobutan-2-yl)-1-(5-fluoropentyl)-1H-indazole-3-carboxamide (also known as 5-Fluoro-AB-PINACA) and its fluoro positional isomers in the pentyl group
- (2I) N-(1-Amino-3-methyl-1-oxobutan-2-yl)-1-pentyl-1H-indazole-3-carboxamide (also known as AB-PINACA)
- (2J) N-(1-Amino-1-oxo-3-phenylpropan-2-yl)-1-(5-fluoropentyl)-1H-indazole-3-carboxamide (also known as PX-2 or 5-Fluoro-APP-PINACA) and its fluoro positional isomers in the pentyl group
- (2K) N-(1-Amino-1-oxo-3-phenylpropan-2-yl)-1-(5-fluoropentyl)-1H-indole-3-carboxamide (also known as PX-1 or 5-Fluoro-APP-PICA) and its fluoro positional isomers in the pentyl group
- (2L) 4-(2-Aminopropyl)benzofuran (also known as 4-APB)
- (3) 5-(2-Aminopropyl)benzofuran (also known as 5-APB)
- (4) 6-(2-Aminopropyl)benzofuran (also known as 6-APB or BenzoFury)
- (4A) 7-(2-Aminopropyl)benzofuran (also known as 7-APB)
- (4B) 4-(2-Aminopropyl)-2,3-dihydrobenzofuran (also known as 4-APDB)
- (5) 5-(2-Aminopropyl)-2,3-dihydrobenzofuran (also known as 5-APDB)
- (6) 6-(2-Aminopropyl)-2,3-dihydrobenzofuran (also known as 6-APDB)
- (6A) 7-(2-Aminopropyl)-2,3-dihydrobenzofuran (also known as 7-APDB)
- (6AA) 1-(1-Benzofuran-5-yl)-N-ethylpropan-2-amine (also known as 5-EAPB) and its 4-yl, 6-yl and 7-yl isomers
- (6B) 2-(4-Bromo-2,5-dimethoxyphenyl)-N-(2-methoxybenzyl)ethanamine (also known as 25B-NBOMe)
- (7) 17-Carboxy-16,17-dihydromitragynine
- (8) 16-Carboxymitragynine
- (8A) 2-(4-Chloro-2,5-dimethoxyphenyl)-N-(2-methoxybenzyl)ethanamine (also known as 25C-NBOMe)
- (8B) 1-Cyclohexyl-4-(1,2-diphenylethyl)piperazine (also known as MT-45)

- (9) 17-O-Desmethyl-16,17-dihydromitragynine
- (10) 9-O-Desmethylnitragynine
- (10A) 3,4-Dichloro-N-{{1-(dimethylamino)cyclohexyl}methyl}benzamide (also known as AH-7921) and its dichloro positional isomers in the phenyl ring
- (10B) 3,4-Dichloro-N-[2-(dimethylamino)cyclohexyl]-N-methylbenzamide (also known as U-47700) and its dichloro positional isomers in the phenyl ring and diamino positional isomers in the cyclohexyl ring
- (11) 2,3-Dihydro-1H-inden-2-amine (also known as 2-Aminoindane)
- (12) 6,7-Dihydro-5H-indeno[5,6-d][1,3]dioxol-6-amine (also known as 5,6-(methylenedioxy)-2-aminoindane or MDAI)
- (13) 2,3-Dihydro-5-iodo-1H-inden-2-amine (also known as 5-Iodo-2-aminoindane or 5-IAI)
- (14) [2,3-Dihydro-5-methyl-3-(morpholin-4-ylmethyl)pyrrolo[1,2,3-de]-1,4-benzoxazin-6-yl](naphthalen-1-yl)methanone
- (15) {4-[2,6-Dimethoxy-4-(2-methyloctan-2-yl)phenyl]-6,6-dimethyl-bicyclo[3.1.1]hept-2-en-2-yl}methanol
- (15A) 2-(2,5-Dimethoxyphenyl)-N-(2-methoxybenzyl)ethanamine (also known as 25H-NBOMe)
- (15B) 2-(2,5-Dimethoxyphenyl)ethanamine (also known as 2C-H) and its dimethoxy positional isomers in the phenyl ring
- (16) 6,6-Dimethyl-3-(2-methyloctan-2-yl)-6a,7,8,9,10,10a-hexahydro-6H-benzo[c]chromen-1,9-diol
- (17) N,N-Dimethyl-1-phenylpropan-2-amine (also known as N,N-dimethylamphetamine)
- (18) Diphenyl(pyrrolidin-2-yl)methanol (also known as diphenylprolinol)
- (19) 2-Diphenylmethylpiperidine (also known as desoxypipradrol)
- (19A) [1-(5-Fluoropent-1-yl)-1H-benzimidazol-2-yl](naphthalene-1-yl)methanone (also known as FUBIMINA) and its fluoro positional isomers in the pentyl group
- (19B) [1-(5-Fluoropent-1-yl)-1H-indazol-3-yl](naphthalen-1-yl)methanone (also known as THJ-2201) and its fluoro positional isomers in the pentyl group
- (20) [1-(5-Fluoropent-1-yl)-1H-indol-3-yl](2,2,3,3-tetramethylcyclopropyl)methanone (also known as XLR-11 or 5-Fluoro-UR-144) and its fluoro positional isomers in the pentyl group
- (20A) 5-Fluoropent-1-yl-N-naphthalen-1-yl-1H-indole-3-carboxamide (also known as CBM-2201, 5-Fluoro-NNEI, 5F-NNEI or MN-24F) and its fluoro positional isomers in the pentyl group
- (21) 1-(4-Fluorophenyl)piperazine (also known as 4-Fluorophenylpiperazine or 4-FPP) and its fluoro positional isomers in the phenyl ring
- (22) 1-(4-Fluorophenyl)propan-2-amine (also known as 4-Fluoroamphetamine or 4-FA) and its fluoro positional isomers in the phenyl ring
- (23) 1-Hydroxy-6,6-dimethyl-3-(2-methyloctan-2-yl)-6,6a,7,8,10,10a-hexahydro-9H-benzo[c]chromen-9-one
- (24) [9-Hydroxy-6-methyl-3-(5-phenylpentan-2-yl)oxy-5,6,6a,7,8,9,10,10a-octahydrophenanthridin-1-yl]acetate
- (25) 3-Hydroxy-2-[3-methyl-6-(2-propenyl)-cyclohex-2-en-1-yl]-5-pentyl-1,4-benzoquinone
- (26) 9-(Hydroxymethyl)-6,6-dimethyl-3-(2-methyloctan-2-yl)-6a,7,10,10a-tetrahydro-6H-benzo[c]chromen-1-ol (for example HU-210, HU-211)

- (27) 7-Hydroxymitragynine
- (27A) 1-(1H-Indol-5-yl)propan-2-amine (also known as 5-IT) and its 4-yl, 6-yl and 7-yl isomers
- (27B) 2-(4-Iodo-2,5-dimethoxyphenyl)-N-(2-methoxybenzyl)ethanamine (also known as 25I-NBOMe)
- (27C) 2-(4-Iodo-2,5-dimethoxyphenyl)ethanamine (also known as 2C-I) and its dimethoxy and iodo positional isomers in the phenyl ring
- (28) 2-(3-Methoxyphenyl)-2-(N-ethylamino)cyclohexanone (also known as methoxetamine)
- (28A) Methyl 2-[1-(cyclohexylmethyl)-1H-indazole-3-carboxamido]-3,3-dimethylbutanoate (also known as MDMB-CHMINACA)
- (28B) Methyl 2-[1-(cyclohexylmethyl)-1H-indazole-3-carboxamido]-3-methylbutanoate (also known as MA-CHMINACA)
- (28BA) Methyl 2-[1-(cyclohexylmethyl)-1H-indole-3-carboxamido]-3,3-dimethylbutanoate (also known as Methyl N- {[1-(cyclohexylmethyl)-1H-indol-3-yl]carbonyl}-3-methyl-L-valinate or MDMB-CHMICA)
- (28C) Methyl 2-[1-(5-fluoropentyl)-1H-indazole-3-carboxamido]-3-methylbutanoate (also known as 5-Fluoro-AMB) and its fluoro positional isomers in the pentyl group
- (29) N-Methyl-1-(4-fluorophenyl)propan-2-amine (also known as 4-Fluoromethamphetamine or 4-FMA) and its fluoro positional isomers in the phenyl ring
- (30) N-Methyl-1-(4-methoxyphenyl)propan-2-amine (also known as 4-Methoxymethamphetamine or para-Methoxymethamphetamine or PMMA) and its methoxy positional isomers in the phenyl ring
- (30A) 4-Methyl-5-(4-methylphenyl)-4,5-dihydro-1,3-oxazol-2-amine (also known as 4,4'-Dimethylaminorex, 4,4'-DMAR or para-methyl-4-methylaminorex) and its methyl positional isomers in the phenyl ring
- (31) N-Methyl-1-(4-methylphenyl)propan-2-amine (also known as 4-Methylmethamphetamine or 4-MMA) and its methyl positional isomers in the phenyl ring
- (32) (N-Methyl-4-phenylpiperidin-4-yl)propanoate (also known as desmethylprodine)
- (33) N-Methyl-1-(thiophen-2-yl)propan-2-amine (also known as methiopropamine) and its thiophen-3-yl isomer
- (34) 1-(4-Methylbenzo-1,3-dioxol-6-yl)propan-2-amine (also known as 5-methyl-MDA or 5-methyl-3,4-methylenedioxyamphetamine)
- (35) Mitragynine
- (36) Naphthalen-1-yl(4-pentylloxynaphthalen-1-yl)methanone (also known as CB-13)
- (36A) Naphthalen-1-yl 5-fluoropent-1-yl-1H-indole-3-carboxylate (also known as NM-2201 or CBL-2201) and its fluoro positional isomers in the pentyl group
- (36B) Naphthalen-1-yl[1-(pent-1-yl)-1H-indazol-3-yl]methanone (also known as THJ-018)
- (37) 5-[3-(1-Naphthoyl)-1H-indol-1-yl]pentanenitrile (also known as AM-2232)
- (38) (1-Pentyl-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)methanone (also known as UR-144)
- (38A) Quinolin-8-yl 1-(cyclohexylmethyl)-1H-indole-3-carboxylate (also known as BB-22 or QUCHIC)

- (38B) Quinolin-8-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate (also known as 5-Fluoro-PB-22 or 5-Fluoro-QUPIC) and its fluoro positional isomers in the pentyl group
- (38C) Quinolin-8-yl 1-pentyl-1H-indole-3-carboxylate (also known as PB-22 or QUPIC)
- (39) Salvinorin A

18. Any compound (other than serotonin) structurally derived from 2-(1H-indol-3-yl)ethanamine (also known as tryptamine) by modification in any of the following ways:

- (a) substitution at the nitrogen atom of the side chain to any extent with alkyl or alkenyl substituents, or by inclusion of only the nitrogen atom of the side chain in a cyclic structure;
- (b) substitution at the carbon atom adjacent to the nitrogen atom of the side chain with alkyl or alkenyl substituents;
- (c) substitution in the 6-membered ring to any extent with alkyl, alkoxy, haloalkyl, hydroxy, thioalkyl, alkylenedioxy, halide or acetoxy substituents;
- (d) substitution at the 2-position of the tryptamine ring system with an alkyl substituent,

including any ether, salt or stereoisomeric form of any such compound, any preparation or product containing any such compound, and the following examples of such a compound:

- (1) 4-Acetoxy-N,N-diisopropyltryptamine (also known as 4-Acetoxy-DiPT or 4-AcO-DiPT)
- (2) 4-Acetoxy-N,N-dimethyltryptamine (also known as 4-Acetoxy-DMT or 4-AcO-DMT)
- (3) 5-Benzyloxytryptamine
- (4) 5-Bromo-N,N-dimethyltryptamine (also known as 5-Bromo-DMT)
- (5) 5-Bromotryptamine
- (6) 5-Chloro- α -methyltryptamine (also known as 5-Chloro-AMT)
- (7) 5-Chlorotryptamine
- (8) N,N-Diallyltryptamine
- (9) N,N-Diethyltryptamine
- (10) N,N-Diisopropyltryptamine
- (11) N,N-Dimethyltryptamine
- (12) N,N-Dipropyltryptamine
- (13) Etryptamine
- (14) 5-Fluoro-N,N-dimethyltryptamine (also known as 5-Fluoro-DMT)
- (15) 5-Fluoro- α -methyltryptamine (also known as 5-Fluoro-AMT)
- (16) 5-Fluorotryptamine
- (17) 4-Hydroxy-N,N-diethyltryptamine (also known as 4-Hydroxy-DET or 4-HO-DET)
- (18) 4-Hydroxy-N,N-diisopropyltryptamine (also known as 4-Hydroxy-DiPT or 4-HO-DiPT)
- (19) 4-Hydroxy-N,N-dimethyltryptamine (also known as Psilocin)
- (20) 4-Hydroxy-N-methyl-N-ethyltryptamine (also known as 4-Hydroxy-MET or 4-HO-MET)
- (21) 4-Hydroxy-N-methyl-N-isopropyltryptamine (also known as 4-Hydroxy-MiPT or 4-HO-MiPT)
- (22) 4-Hydroxy- α -methyltryptamine (also known as 4-Hydroxy-AMT or 4-HO-AMT)
- (23) 5-Hydroxy-N-methyltryptamine (also known as 5-Hydroxy-NMT or 5-HO-NMT)
- (24) 5-Hydroxy-N,N-dimethyltryptamine (also known as Bufotenine)
- (25) 5-Methoxy-N,N-diallyltryptamine (also known as 5-Methoxy-DALT or 5-MeO-DALT)

- (26) 5-Methoxy-N,N-diethyltryptamine (also known as 5-Methoxy-DET or 5-MeO-DET)
- (27) 5-Methoxy-N,N-diisopropyltryptamine (also known as 5-Methoxy-DiPT or 5-MeO-DiPT)
- (28) 5-Methoxy-N,N-dimethyltryptamine (also known as 5-Methoxy-DMT or 5-MeO-DMT)
- (29) 5-Methoxy-N,N-dipropyltryptamine (also known as 5-Methoxy-DPT or 5-MeO-DPT)
- (30) 5-Methoxy-N-ethyl-N-isopropyltryptamine (also known as 5-Methoxy-EiPT or 5-MeO-EiPT)
- (31) 5-Methoxy-N-ethyl-N-propyltryptamine (also known as 5-Methoxy-EPT or 5-MeO-EPT)
- (32) 5-Methoxy- α -ethyltryptamine (also known as 5-Methoxy-AET or 5-MeO-AET)
- (33) 5-Methoxy-N-methyl-N-isopropyltryptamine (also known as 5-Methoxy-MiPT or 5-MeO-MiPT)
- (34) 5-Methoxy- α -methyltryptamine (also known as 5-Methoxy-AMT or 5-MeO-AMT)
- (35) 5-Methoxy-N-methyltryptamine (also known as 5-Methoxy-NMT or 5-MeO-NMT)
- (36) 4-Methyl- α -ethyltryptamine (also known as 4-Methyl-AET)
- (37) 5-Methyltryptamine
- (38) α -Methyltryptamine
- (39) N-Methyltryptamine