

**CHEMICAL STRUCTURES OF THE
MISUSE OF DRUGS ACT 1975
(AS AMENDED)**

ESR Drug Chemistry

**June 2017
FORENSIC INTERNAL REPORT 2017/10**

Chemical Structures of the Misuse of Drugs Act 1975 (as amended)

ESR Drug Chemistry

June 2017

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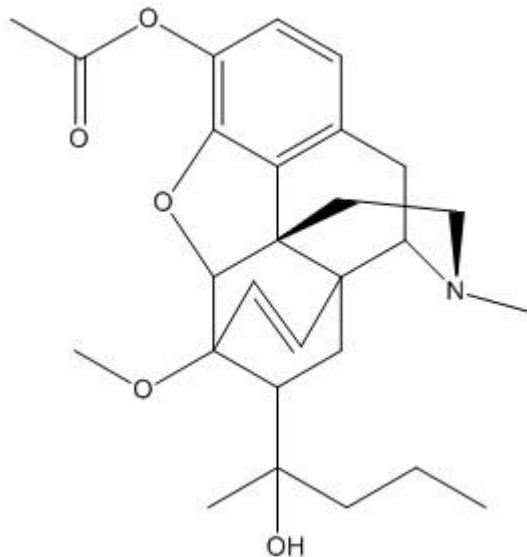
Should such reports need to be quoted in the literature they must be cited as Personal Communications from the author

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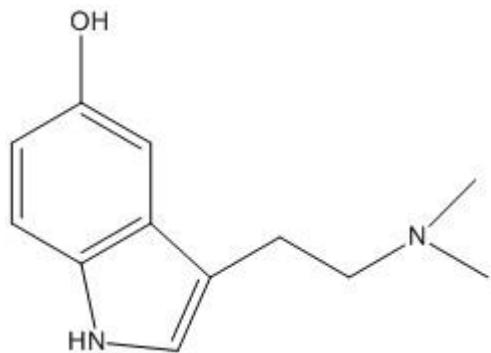
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- Appendix 1. Controlled drugs with amphetamine analogue nuclei
- Appendix 2. Controlled drugs with pethidine analogue nuclei
- Appendix 3. Controlled drugs with phencyclidine analogue nuclei
- Appendix 4. Controlled drugs with fentanyl analogue nuclei
- Appendix 5. Controlled drugs with methaqualone analogue nuclei
- Appendix 6. Controlled drugs with DMT analogue nuclei

Schedule 1 – Class A

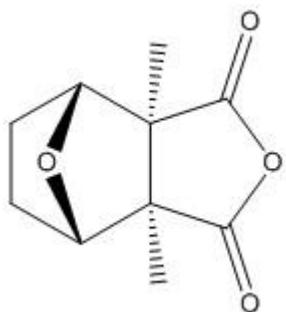
Acetorphine ($\text{O}^3\text{-acetyl-7,8-dihydro-7}\alpha\text{-[1 (R)-hydroxy-1-methylbutyl]-}\text{O}^6\text{-methyl-6,14-endothenemorphine}$)



Bufotenine (3-(2-dimethylaminoethyl)-5-hydroxyindole)

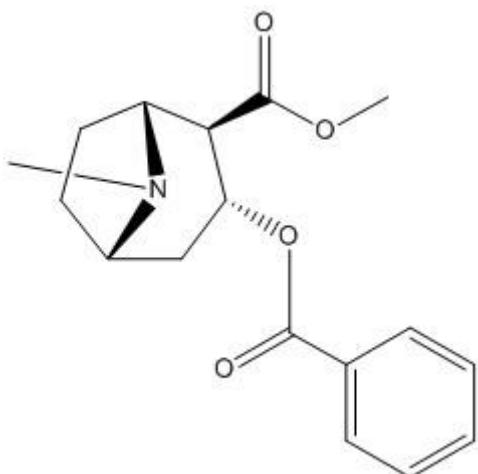


Cantharidin (hexahydro-3a,7a-dimethyl-4,7-epoxyisobenzofuran-1,3-dione)

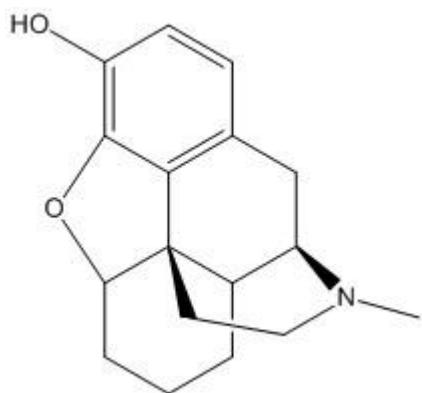


Schedule 1 – Class A

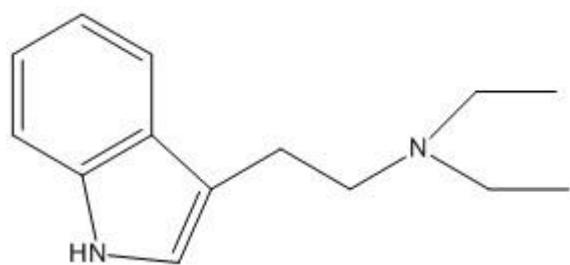
Cocaine (methyl ester of benzoylecgonine)



Desomorphine (dihydrodeoxymorphone)

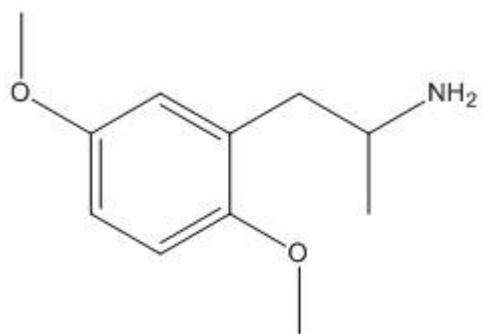


DET (*N,N*-diethyltryptamine)

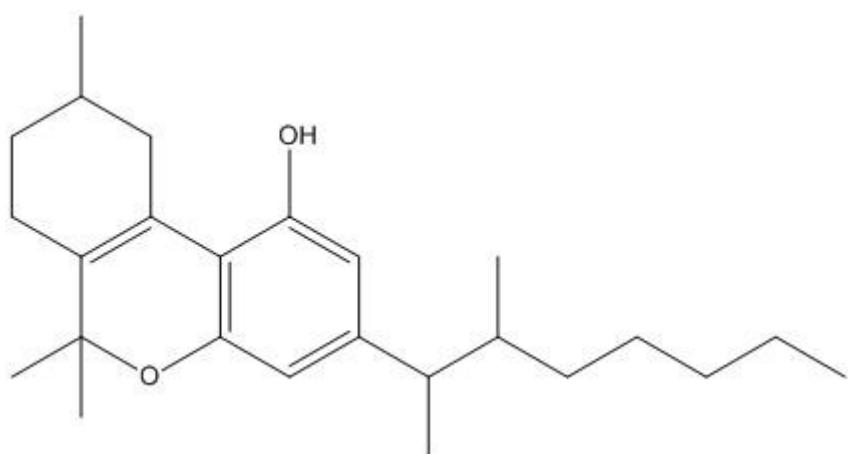


Schedule 1 – Class A

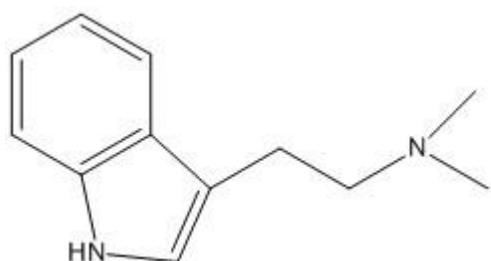
DMA (2-amino-1-(2,5-dimethoxyphenyl)propane)



DMHP (3-(1,2-dimethylheptyl)-1-hydroxy-7,8,9,10-tetrahydro-6,6,9-trimethyl-6*H*-dibenzo [*b,d*] pyran)

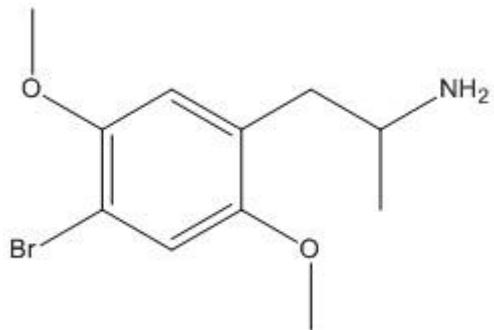


DMT (*N,N*-dimethyltryptamine)

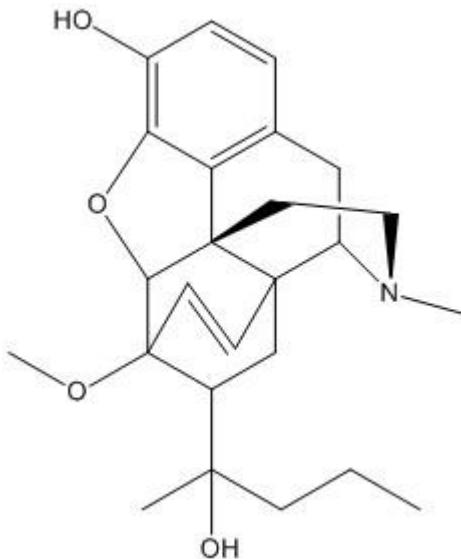


Schedule 1 – Class A

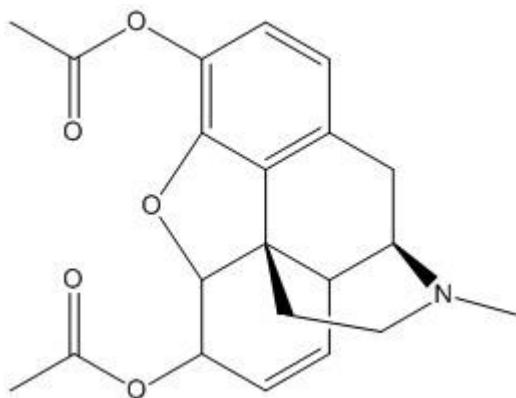
DOB (2-amino-1-(4-bromo-2,5-dimethoxyphenyl)propane), also known as **bromo-DMA**



Etorphine (7,8-dihydro-7 α -[1 (*R*)-hydroxy-1-methylbutyl]-*O*⁶-methyl-6,14-*endo*ethenomorphine)

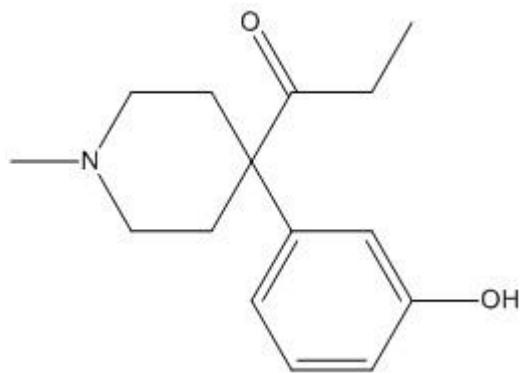


Heroin (diacetylmorphine)

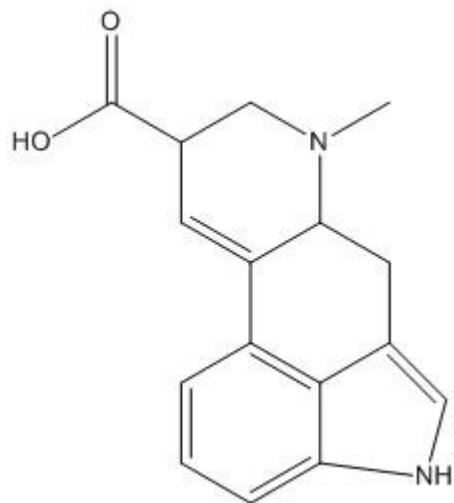


Schedule 1 – Class A

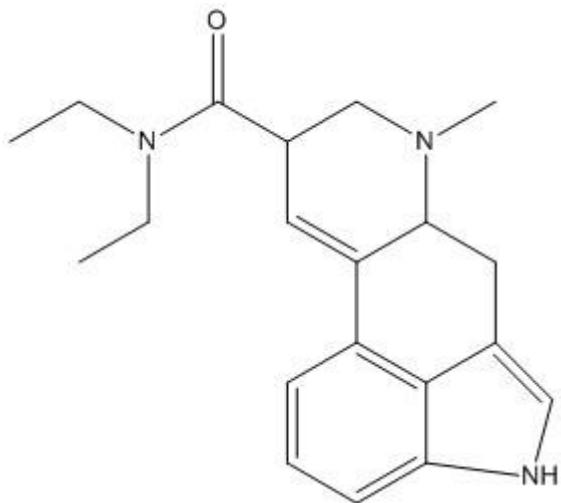
Ketobemidone (*4*-*meta*-hydroxyphenyl-1-methyl-4-propionylpiperidine)



Lysergic acid

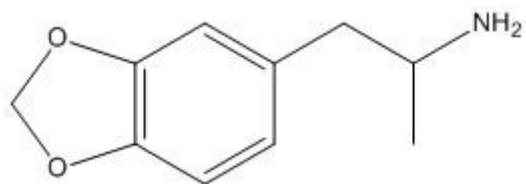


Lysergide (*N,N*-diethyllysergamide or lysergic acid diethylamide)

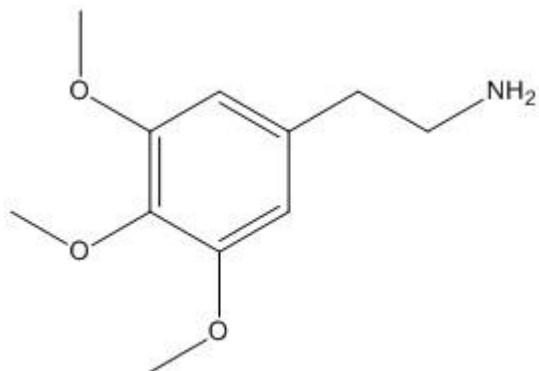


Schedule 1 – Class A

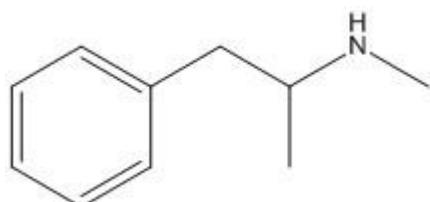
MDA (2-amino-1-(3,4-methylenedioxyphenyl)propane)



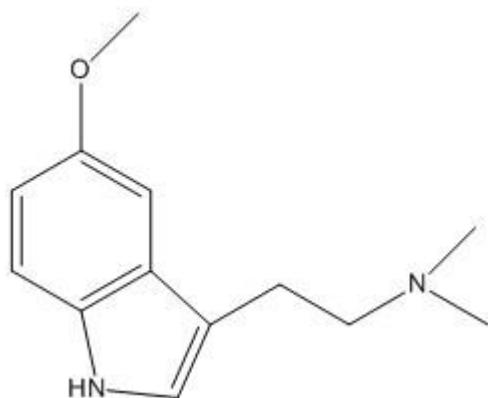
Mescaline (3,4,5-trimethoxyphenethylamine)



Methamphetamine (2-methylamino-1-phenylpropane)

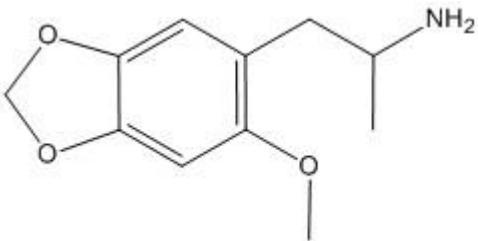


5-methoxydimethyltryptamine (5-methoxy-*N,N*-dimethyltryptamine)

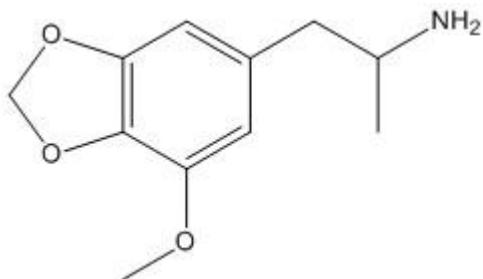


Schedule 1 – Class A

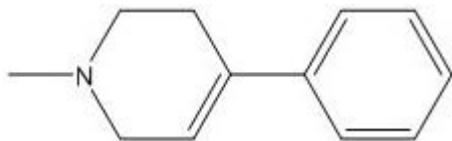
2-methoxy-4,5-methylenedioxymphetamine (2-amino-1-(2-methoxy-4,5-methylenedioxymethyl)propane), also known as **MMDA** or **MMDA-2**



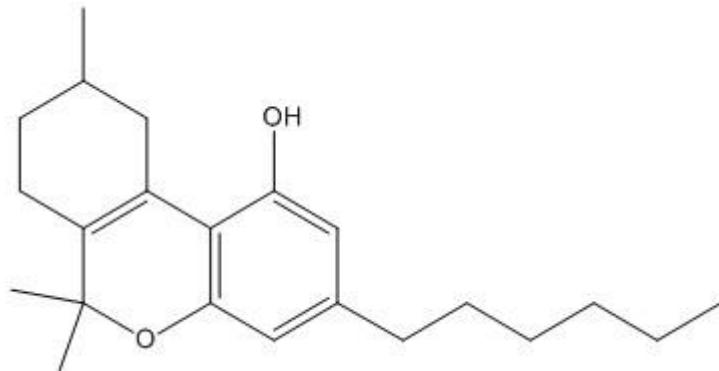
3-methoxy-4,5-methylenedioxymphetamine (2-amino-1-(3-methoxy-4,5-methylenedioxymethyl)propane), also known as **MMDA**



MPTP (1-methyl-4-phenyl-1,2,5,6-tetrahydropyridine)

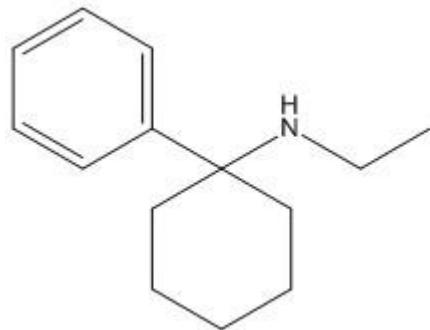


Parahexyl (3-hexyl-1-hydroxy-7,8,9,10-tetrahydro-6,6,9-trimethyl-6*H*-dibenzo [*b,d*] pyran)

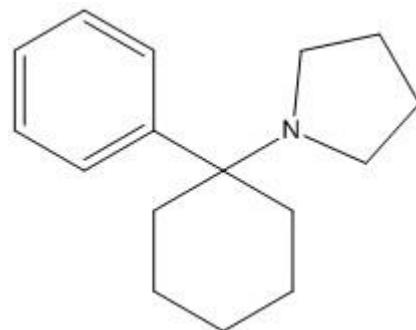


Schedule 1 – Class A

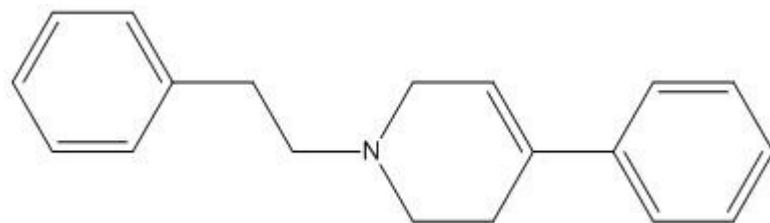
PCE (*N*-ethyl-1-phenylcyclohexylamine)



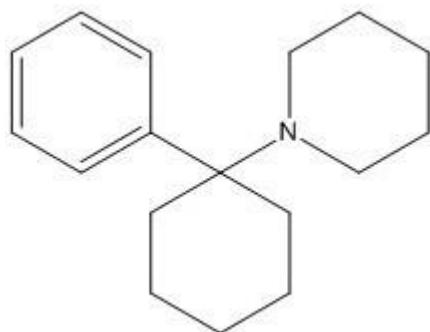
PCPY (1-(1-phenylcyclohexyl)pyrrolidine), also known as **PHP**



PEPTP (1-(2-phenylethyl)4-phenyl-1,2,5,6-tetrahydropyridine)



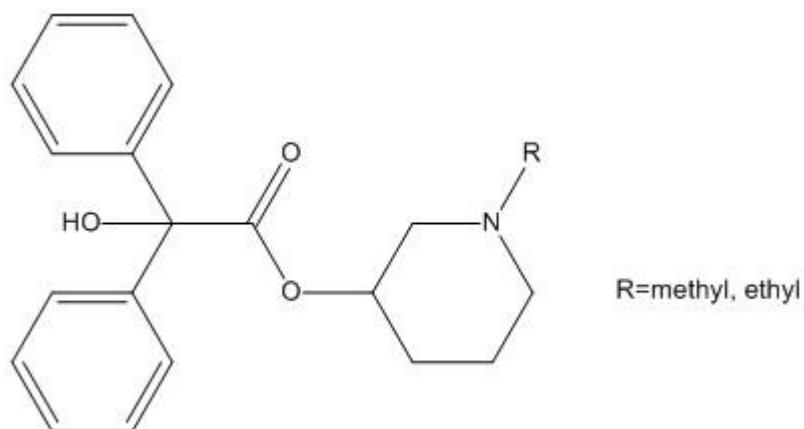
Phencyclidine (1-(1-phenylcyclohexyl)piperidine)



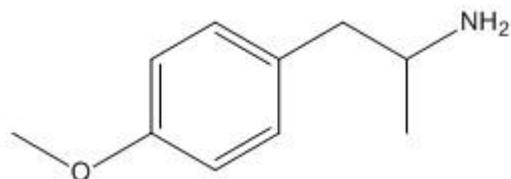
PHP (1-(1-phenylcyclohexyl)pyrrolidine), see **PCPY**

Schedule 1 – Class A

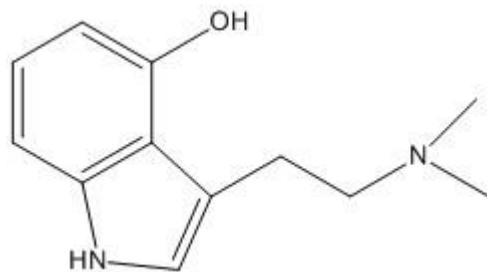
Piperidyl benzilates (*N*-methylpiperidyl benzilates and *N*-ethylpiperidyl benzilates, but excluding the methobromide salts)



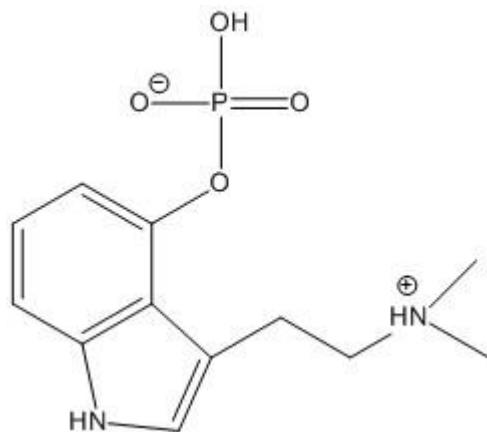
PMA (2-amino-1-(4-methoxyphenyl)propane)



Psilocine (3-(2-dimethylaminoethyl)-4-hydroxyindole), also known as **Psilotsin**

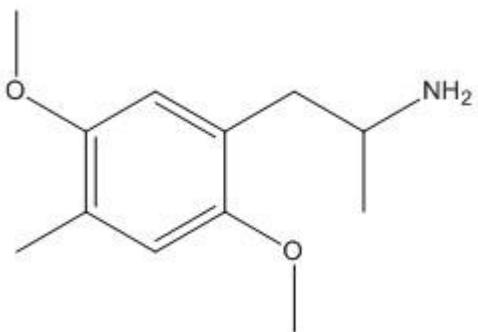


Psilocybine (3-(2-dimethylaminoethyl) indol-4-yl dihydrogen phosphate)

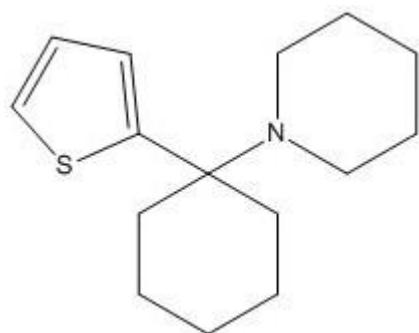


Schedule 1 – Class A

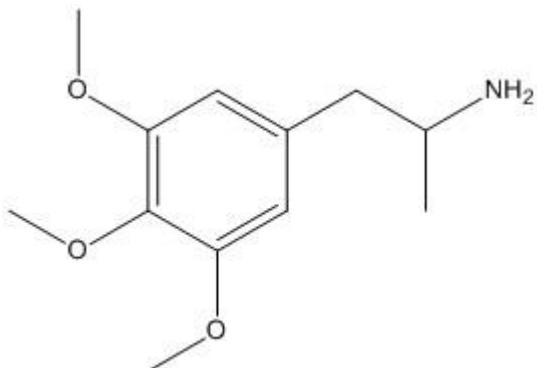
STP,DOM (2-amino-1-(2,5-dimethoxy-4-methyl)phenylpropane)



TCP (1-[1-(2-thienyl)cyclohexyl]piperidine)



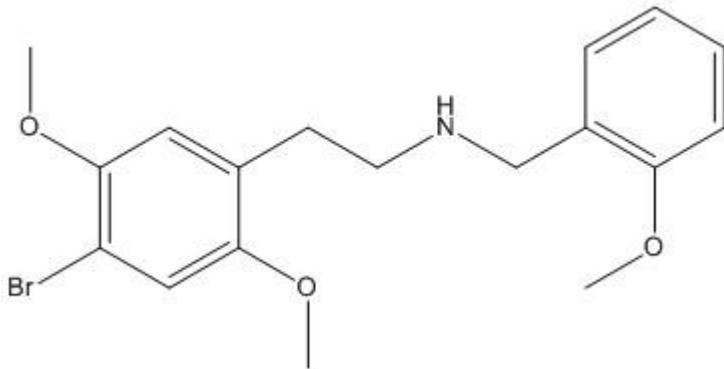
TMA (2-amino-1-(3,4,5-trimethoxyphenyl)propane)



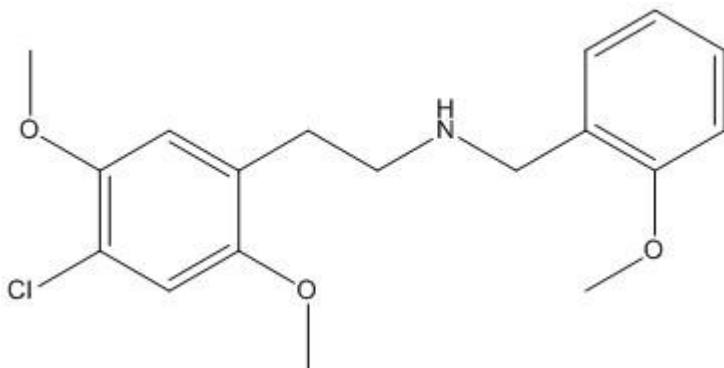
Schedule 2 – Class B

Part 1

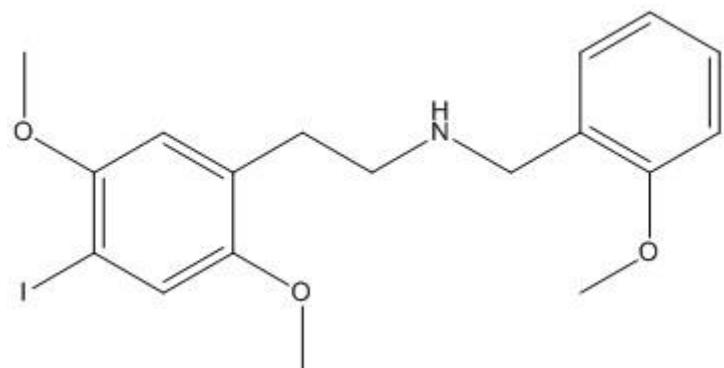
25B-NBOMe (2-(4-bromo-2,5-dimethoxyphenyl)-*N*-(2-methoxybenzyl)ethanamine)



25C-NBOMe (2-(4-chloro-2,5-dimethoxyphenyl)-*N*-(2-methoxybenzyl)ethanamine)

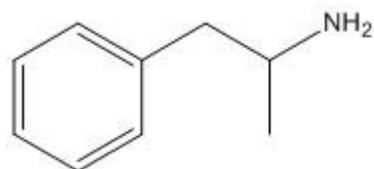


25I-NBOMe (2-(4-iodo-2,5-dimethoxyphenyl)-*N*-(2-methoxybenzyl)ethanamine)

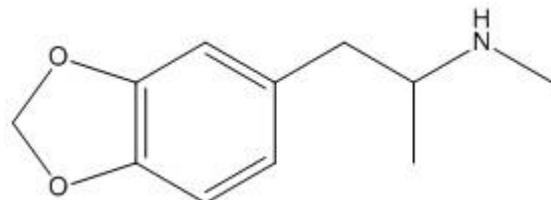


Schedule 2 – Class B

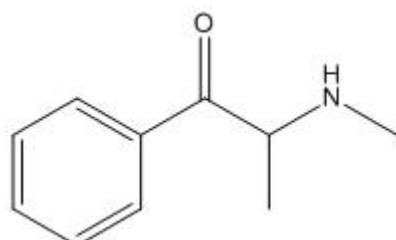
Amphetamine (2-amino-1-phenylpropane)



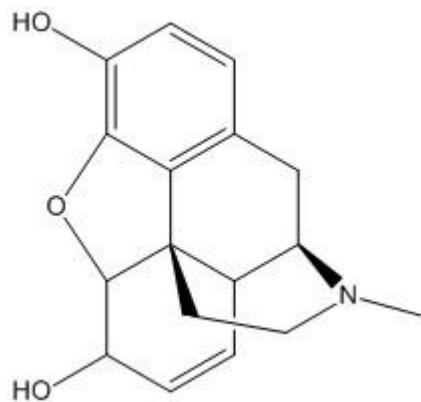
MDMA (2-methylamino-1-(3,4-methylenedioxyphenyl)propane)



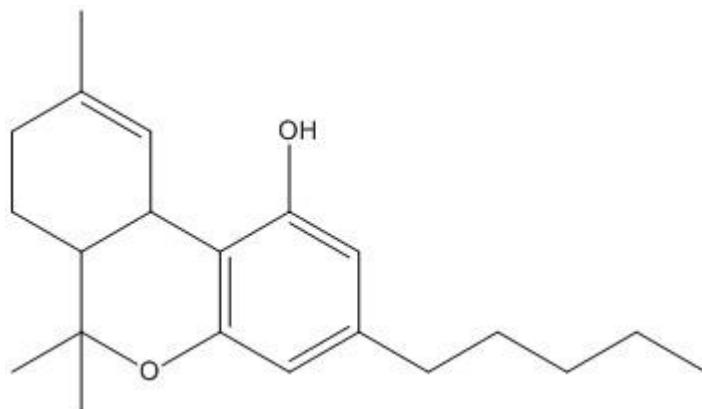
Methcathinone



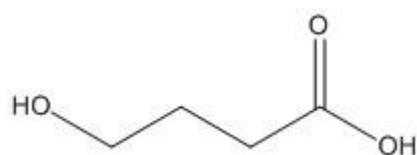
Morphine



Tetrahydrocannabinols



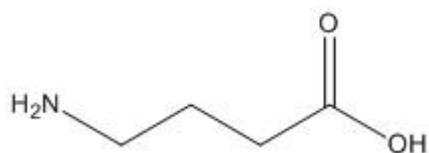
Gamma-hydroxybutyrate (GHB)



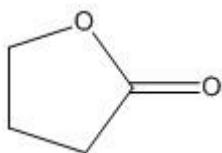
1,4-butanediol



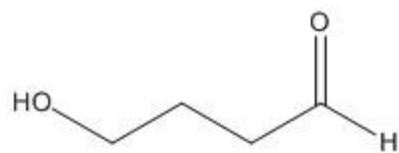
Gamma-aminobutyric acid



Gamma-butyrolactone

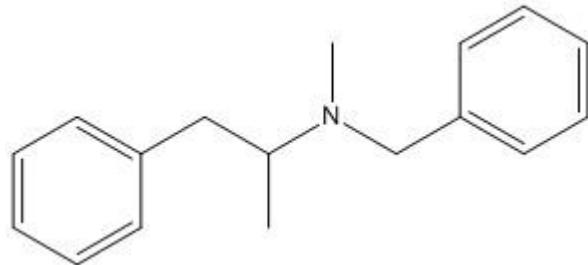


Gamma-hydroxybutyraldehyde

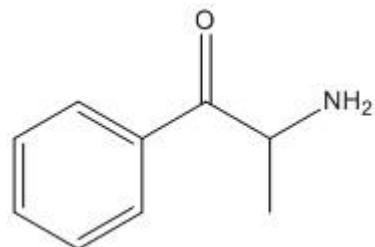


Part 2

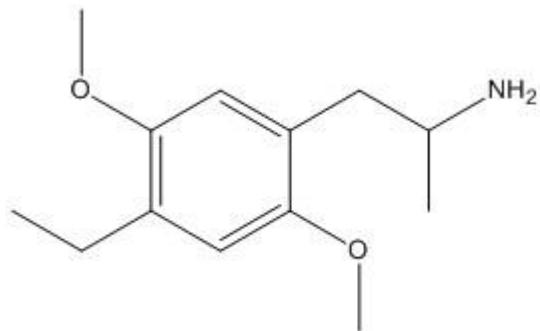
Benzphetamine (2-benzylmethylamino-1-phenylpropane)



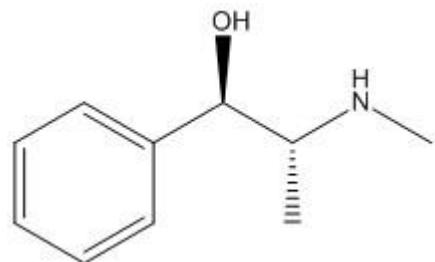
Cathinone (2-amino-1-phenylpropan-1-one)



DOET (2-amino-1-(2,5-dimethoxy-4-ethylphenyl)propane)

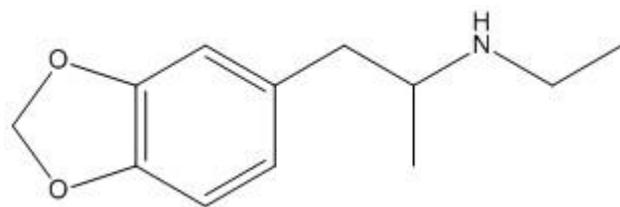


Ephedrine

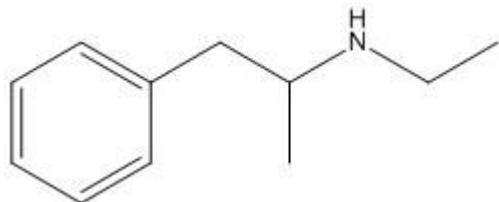


Schedule 2 – Class B

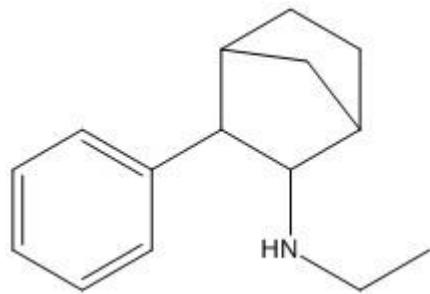
N-ethyl MDA (2-ethylamino-1-(3,4-methylenedioxophenyl)propane)



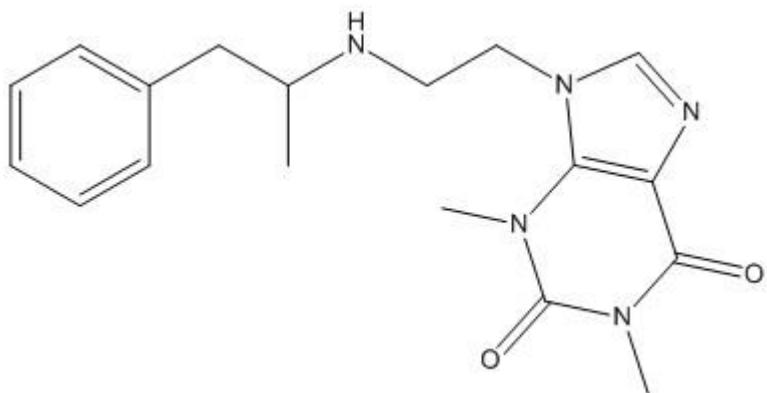
N-ethylamphetamine (2-ethylamino-1-phenylpropane)



Fencamfamine (*N*-ethyl-3-phenylbicyclo[2.2.1]heptan-2-amine)

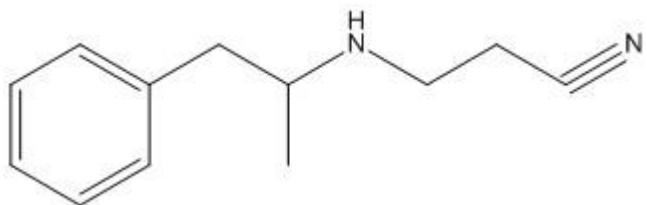


Fenethylline (3,7-dihydro-1,3-dimethyl-7-[2-[(1-methyl-2-phenylethyl)-amino]ethyl]-1*H*-purine-2,6-dione)

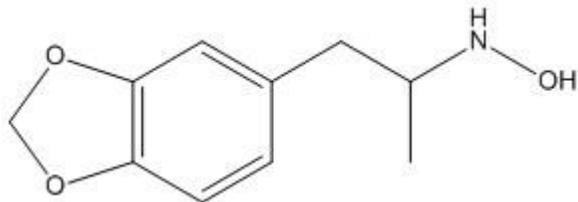


Schedule 2 – Class B

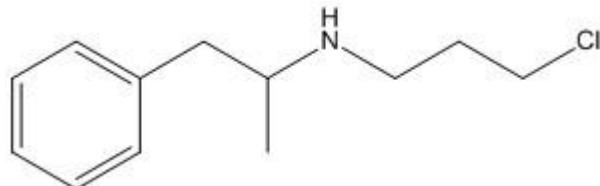
Fenproporex (2-(2-cyanoethylamino)-1-phenylpropane)



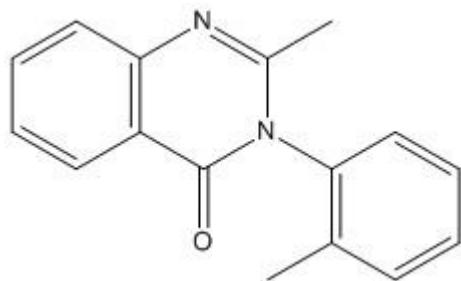
N-hydroxy MDA (2-hydroxyamino-1-(3,4-methylenedioxyphenyl)propane)



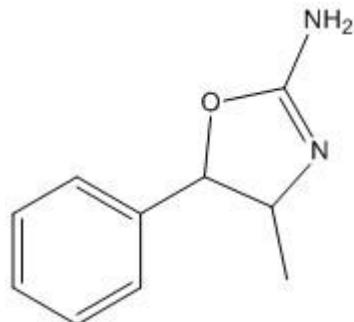
Mefenorex (2-(3-chloropropylamino)-1-phenylpropane)



Methaqualone (2-methyl-3-(2-methylphenyl)-4(3*H*)-quinazolinone)

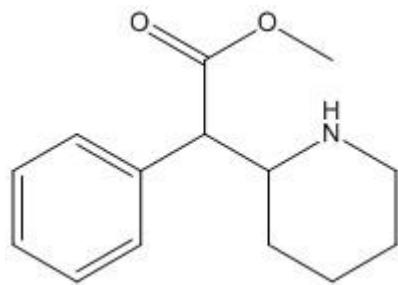


4-methylaminorex (*cis*-2-amino-4-methyl-5-phenyl-2-oxazoline)

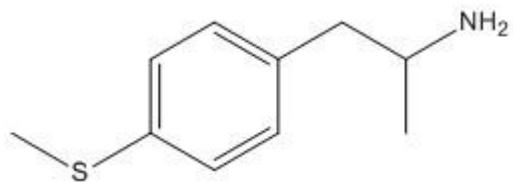


Schedule 2 – Class B

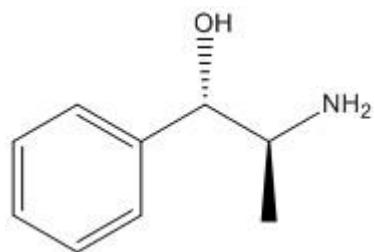
Methylphenidate (α -phenyl-2-piperidineacetic acid methyl ester)



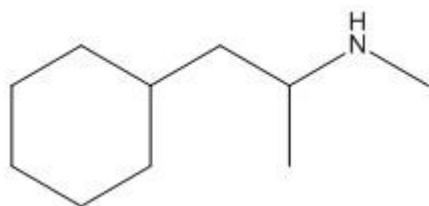
4-methylthioamphetamine



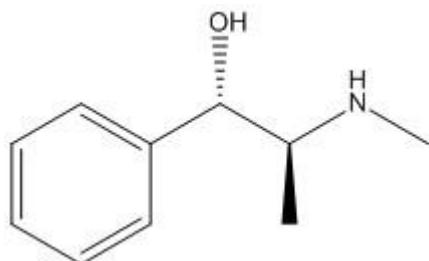
Norpseudoephedrine (*threo*-2-amino-1-hydroxy-1-phenylpropane)



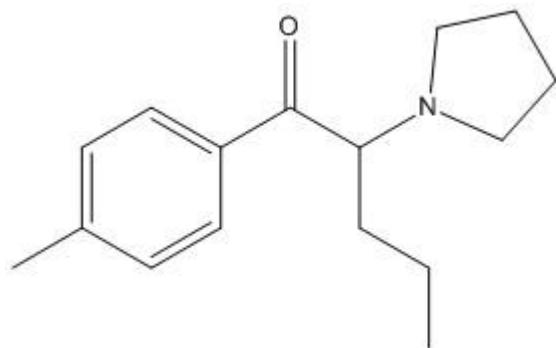
Propylhexedrine (1-cyclohexyl-2-methylaminopropane)



Pseudoephedrine

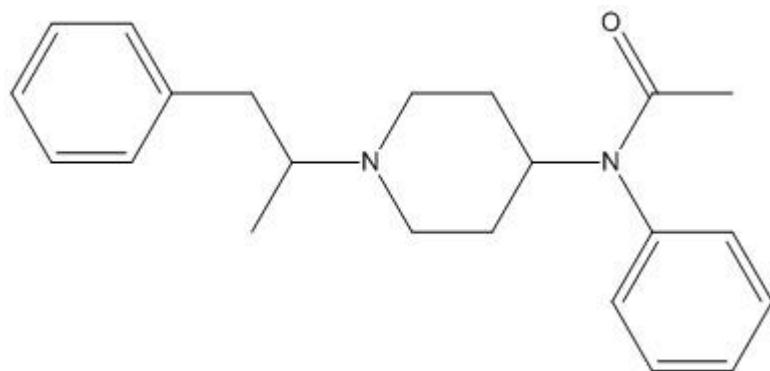


Pyrovalerone (1-(4-methylphenyl)-2-(1-pyrrolidinyl)-1-pentanone)

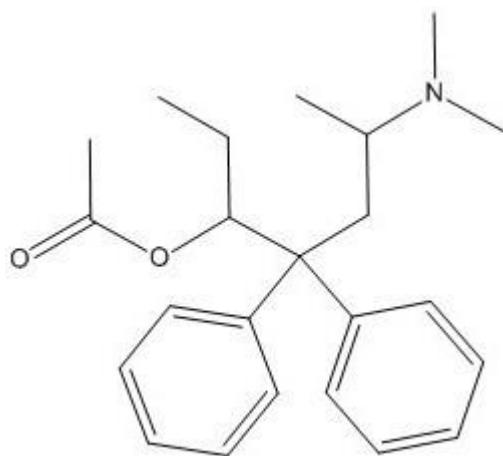


Part 3

Acetyl- α -methylfentanyl (*N*-[1-(α -methylphenethyl)-4-piperidyl] acetanilide)

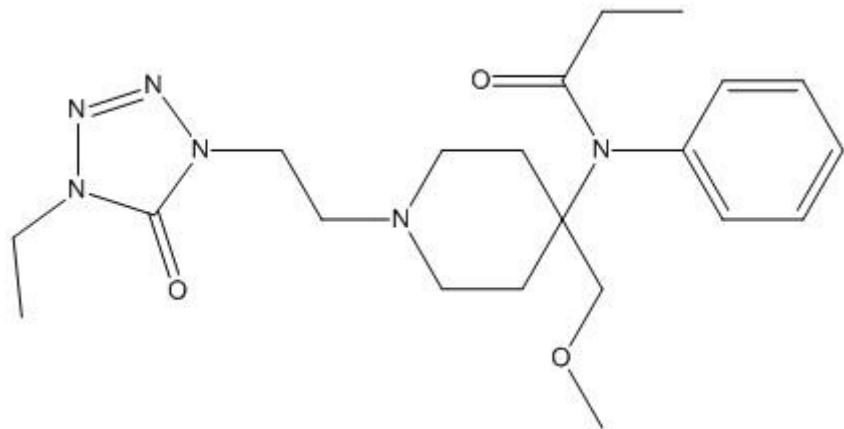


Acetylmethadol (3-acetoxy-6-dimethylamino-4,4-diphenylheptane)

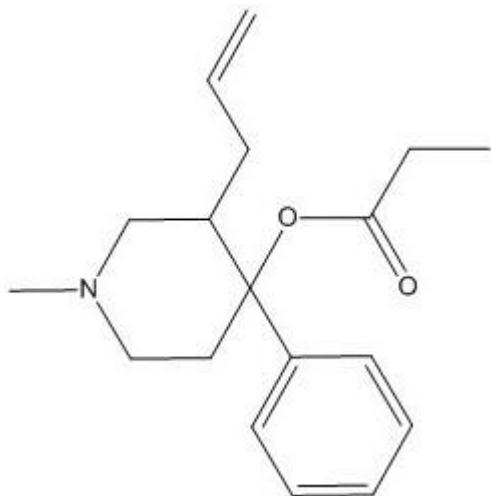


Schedule 2 – Class B

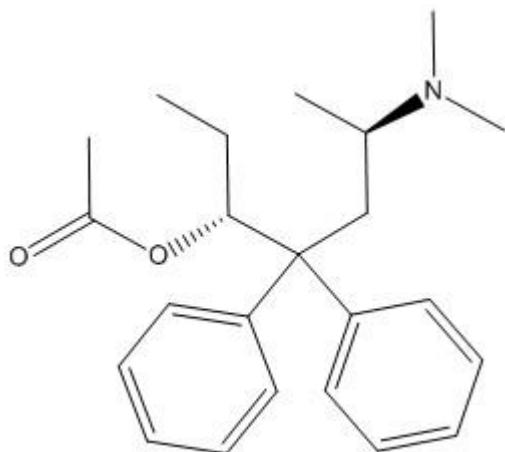
Alfentanil (*N*-[1-[2-(4-ethyl-4,5-dihydro-5-oxo-1*H*-(tetrazol-1-yl)ethyl]-4-(methoxymethyl)-4-piperidinyl]-*N*-phenylpropanamide)



Allylprodine (3-allyl-1-methyl-4-phenyl-4-propionoxypiperidine)

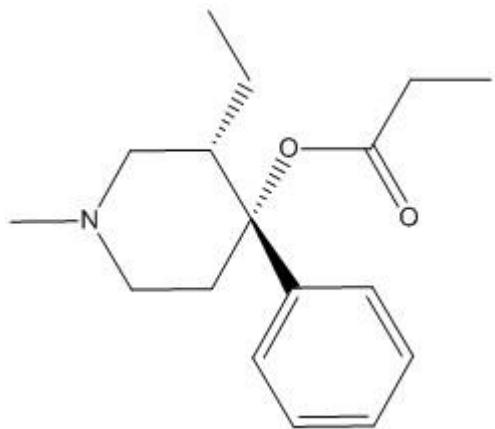


Alphacetylmethadol (α -3-acetoxy-6-dimethylamino-4,4-diphenylheptane)

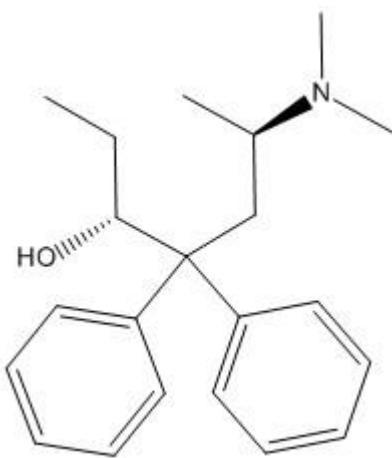


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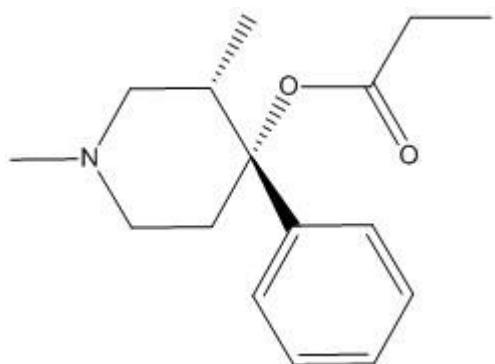
Alphameprodine (α -3-ethyl-1-methyl-4-phenyl-4-propionoxypiperidine)



Alphamethadol (α -6-dimethylamino-4,4-diphenyl-3-heptanol)

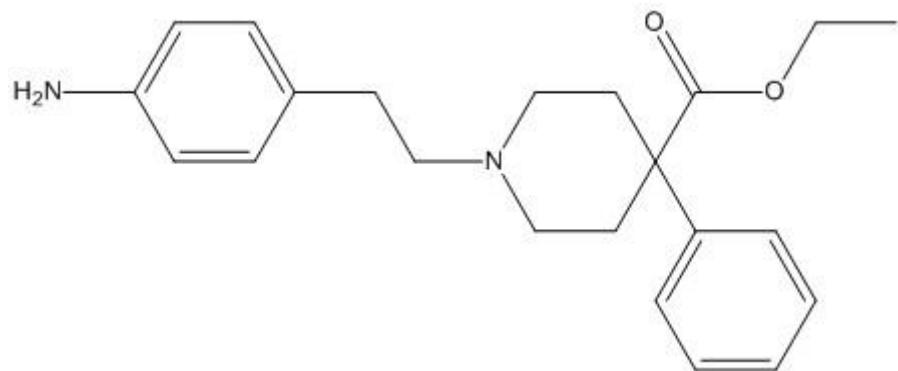


Alphaprodine (α -1,3-dimethyl-4-phenyl-4-propionoxypiperidine)

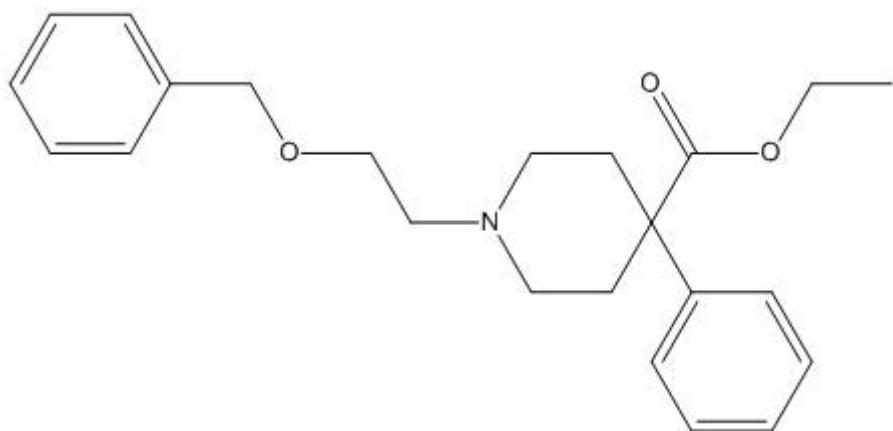


Schedule 2 – Class B

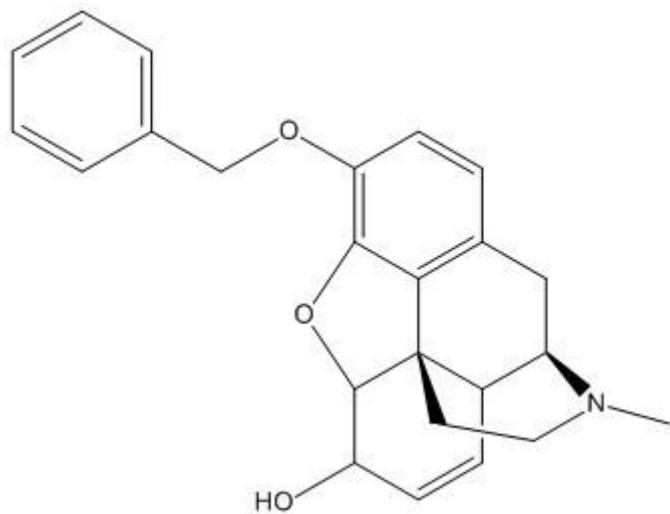
Anileridine (1-*para*-aminophenethyl-4-phenylpiperidine-4-carboxylic acid ethyl ester)



Benzethidine (1-(2-benzyloxyethyl)-4-phenylpiperidine-4-carboxylic acid ethyl ester)

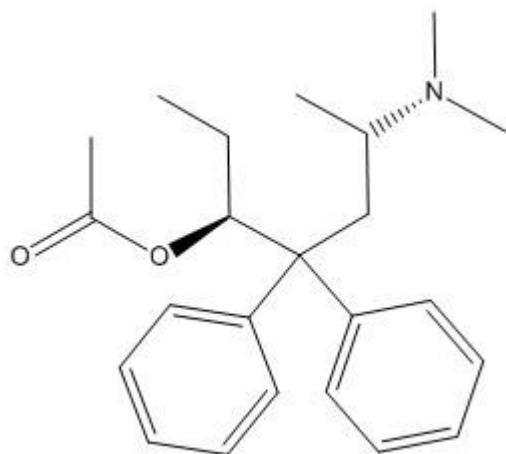


Benzylmorphine (3-benzylmorphine)

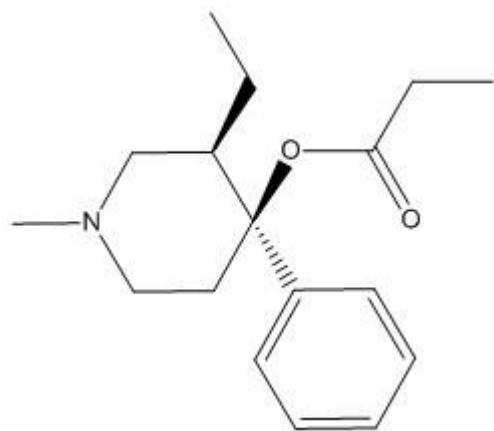


Schedule 2 – Class B

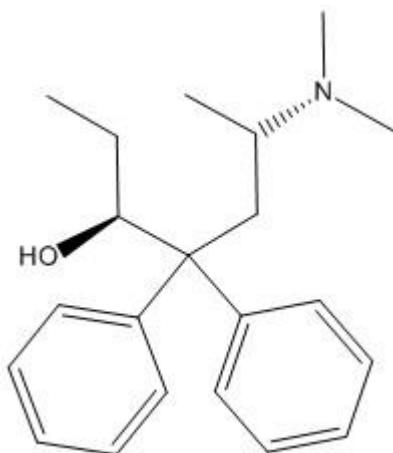
Betacetylmethadol (β -3-acetoxy-6-dimethylamino-4,4-diphenylheptane)



Betameprodine (β -3-ethyl-1-methyl-4-phenyl-4-propionoxypiperidine)

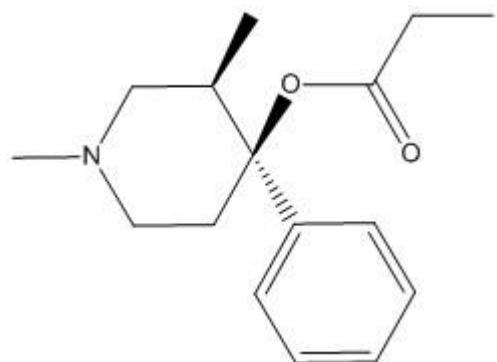


Betamethadol (β -6-dimethylamino-4,4-diphenyl-3-heptanol)

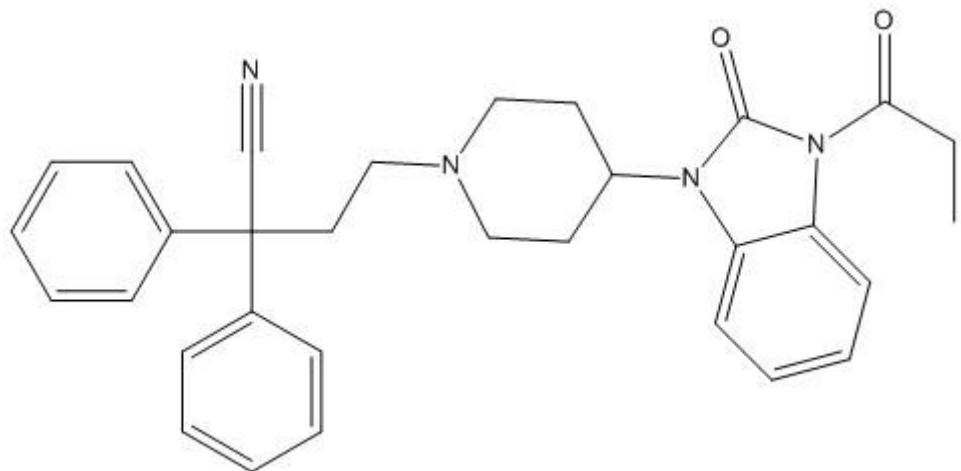


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Betaprodine (β -1,3-dimethyl-4-phenyl-4-propionoxypiperidine)

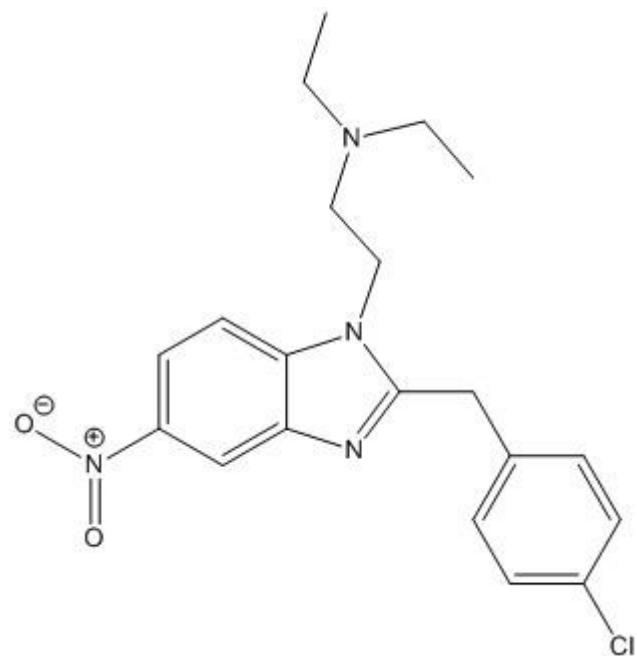


Bezitramide (1-(3-cyano-3,3-diphenylpropyl)-4-(2-oxo-3-propionyl-1-benzimidazolinyl)piperidine)

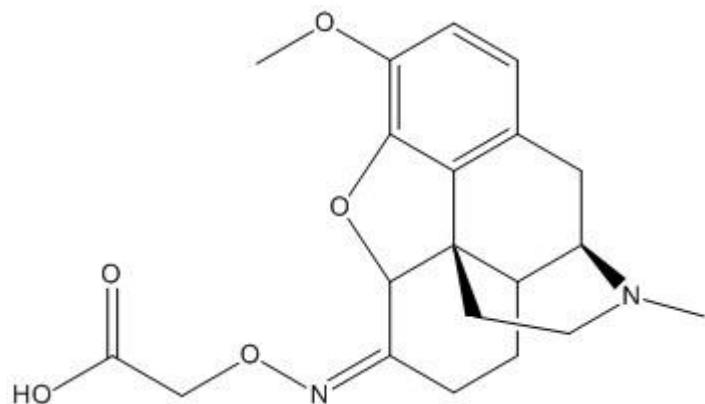


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Clonitazene (2-*para*-chlorbenzyl-1-diethylaminoethyl-5-nitrobenzimidazole)

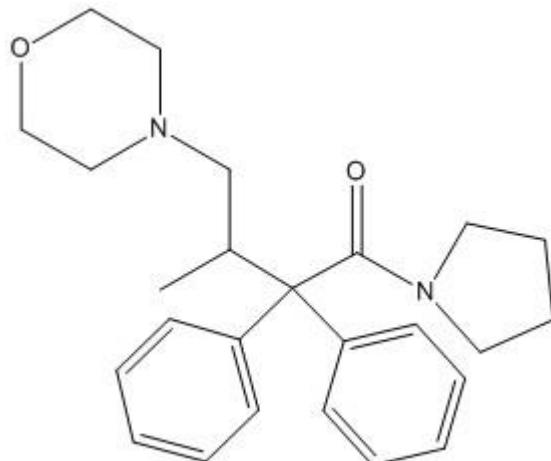


Codoxime (dihydrocodeinone-6-carboxymethyloxime)

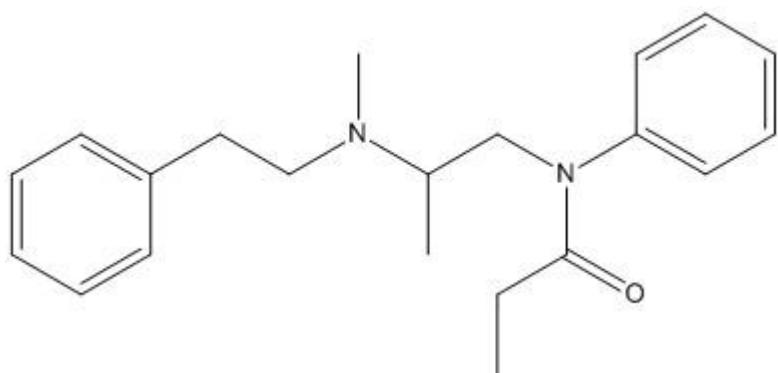


Schedule 2 – Class B

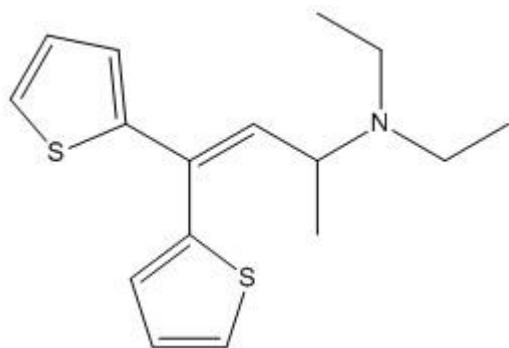
Dextromoramide ((+)-4-[2-methyl-4-oxo-3,3-diphenyl-4-(1-pyrrolidinyl) butyl] morpholine)



Diampromide (*N*-[2-(methylphenethylamino) propyl] propionanilide)

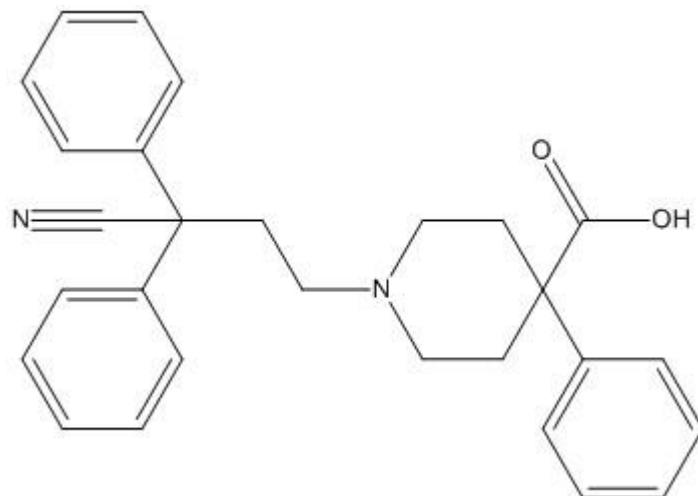


Diethylthiambutene (3-diethylamino-1,1-di-(2'-thienyl)-1-butene)

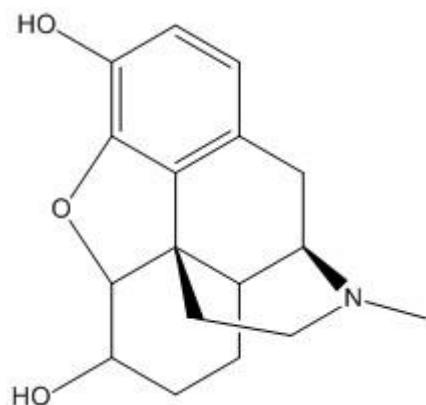


Schedule 2 – Class B

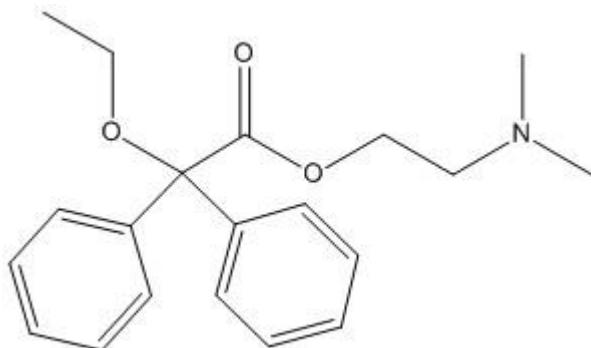
Difenoxin (1-(3-cyano-3,3-diphenylpropyl)-4-phenylisonipecotic acid)



Dihydromorphine

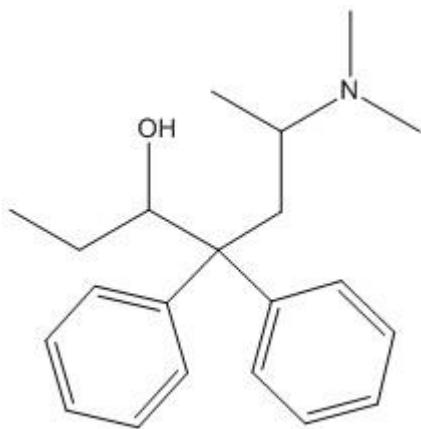


Dimenoxadol (2-dimethylaminoethyl-1-ethoxy-1,1-diphenylacetate)

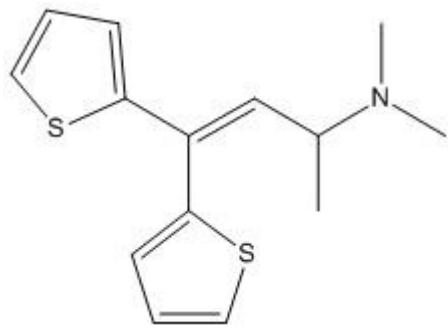


Schedule 2 – Class B

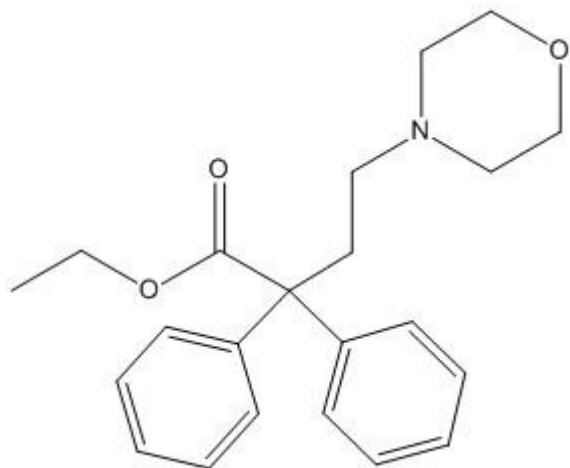
Dimepheptanol (6-dimethylamino-4,4-diphenyl-3-heptanol)



Dimethylthiambutene (3-dimethylamino-1,1-di-(2'-thienyl)-1-butene)

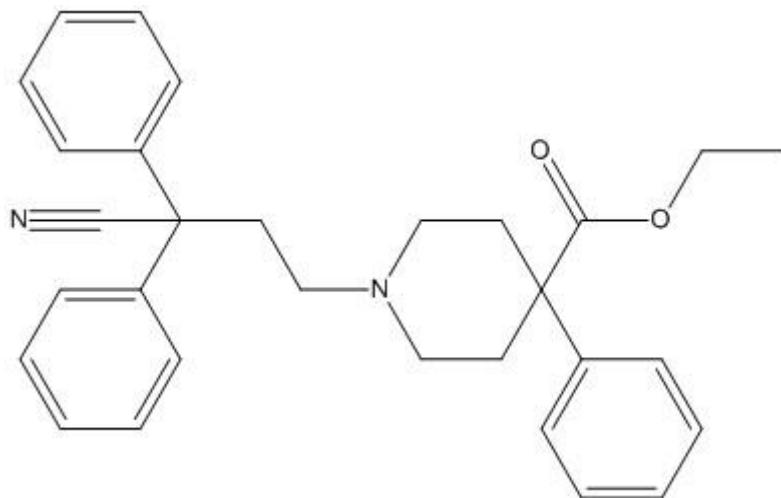


Dioxaphetyl butyrate (ethyl-4-morpholino-2,2-diphenylbutyrate)

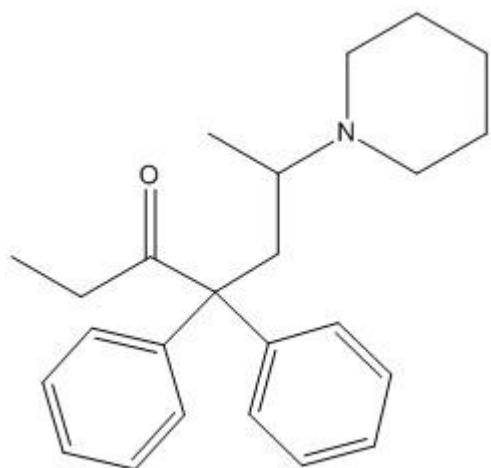


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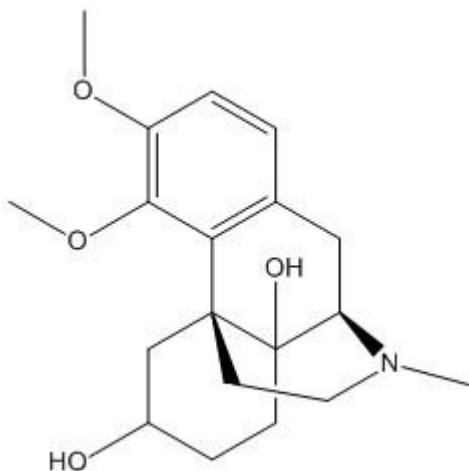
Diphenoxylate (1-(3-cyano-3,3-diphenylpropyl)-4-phenylpiperidine-4-carboxylic acid ethyl ester)



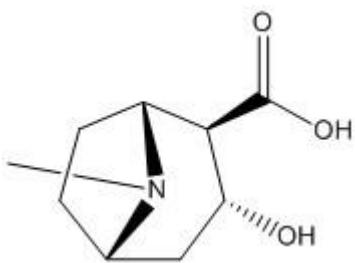
Dipipanone (4,4-diphenyl-6-piperidin-3-heptanone)



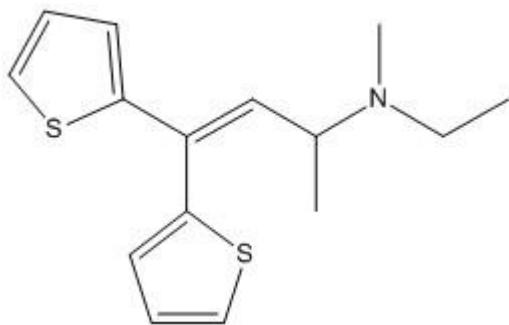
Drotebanol (3,4-dimethoxy-17-methylmorphinan-6 β ,14-diol)



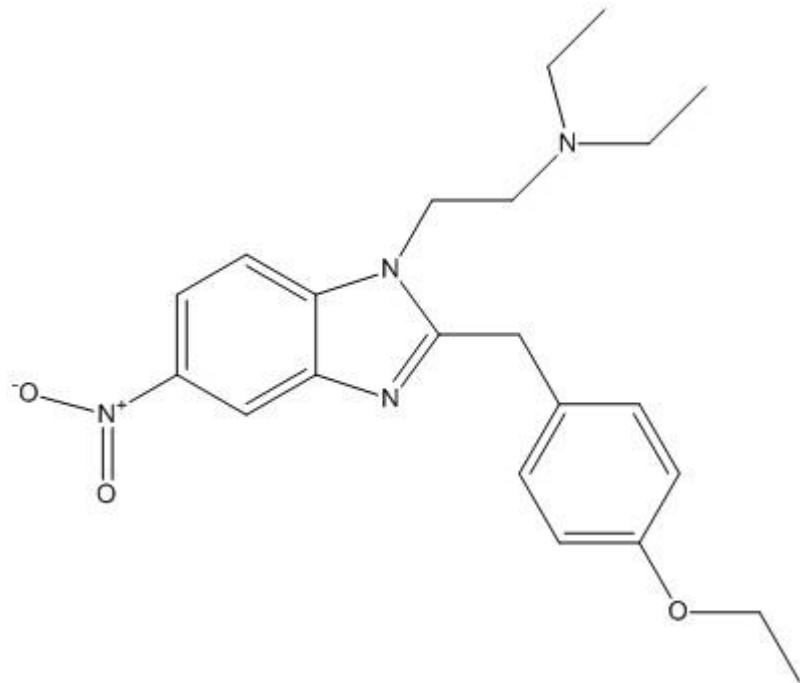
Ecgonine



Ethylmethylthiambutene (3-ethylmethylamino-1,1-di-(2'-thienyl)-1-butene)

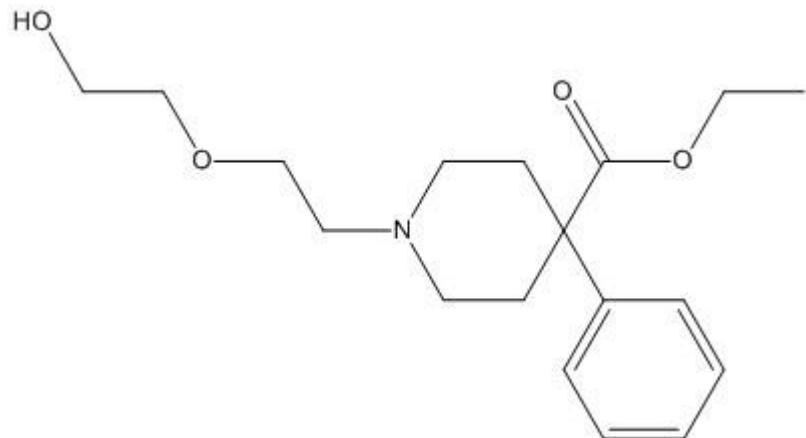


Etonitazene (1-diethylaminoethyl-2-*para*-ethoxybenzyl-5-nitrobenzimidazole)

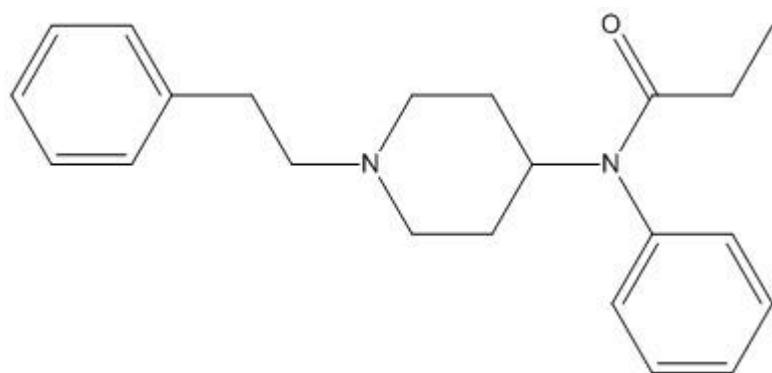


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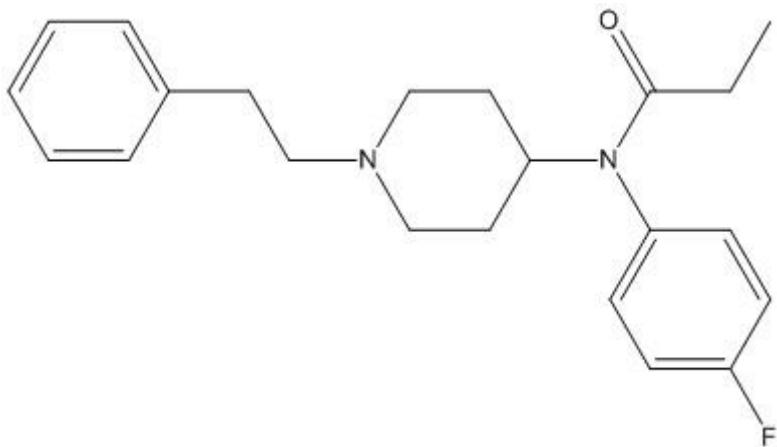
Etoxeridine (1-[2-(2-hydroxyethoxy)ethyl]-4-phenylpiperidine-4-carboxylic acid ethyl ester)



Fentanyl (1-phenethyl-4-(N-propionylanilino)piperidine)

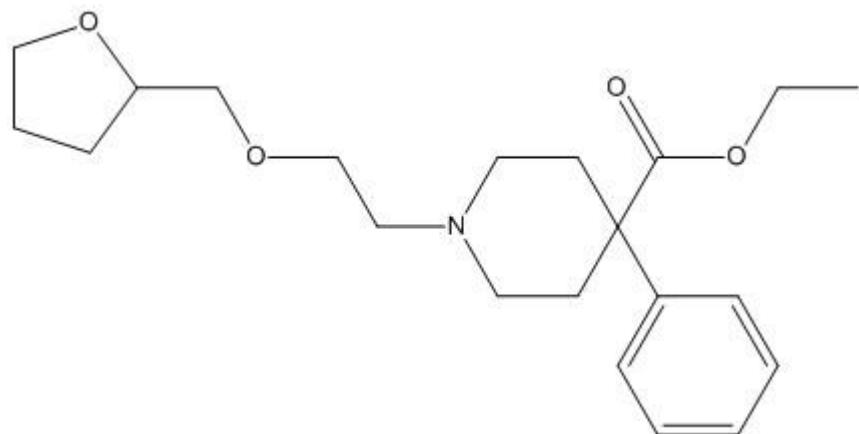


p-fluorofentanyl (4'-fluoro-N-1-(phenethyl-4-piperidyl)propionanilide)

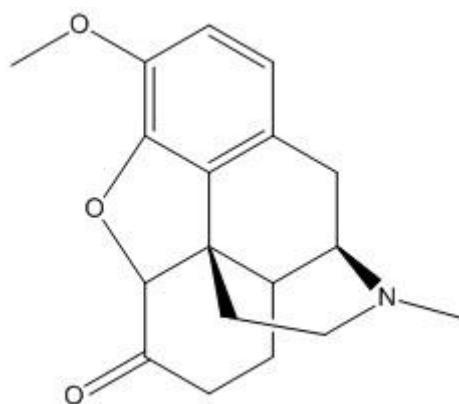


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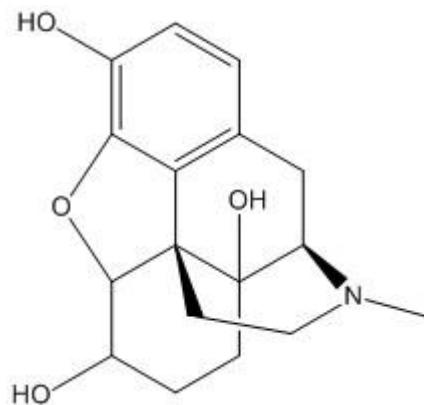
Furethidine (1-(2-tetrahydrofuryloxyethyl)-4-phenylpiperidine-4-carboxylic acid ethyl ester)



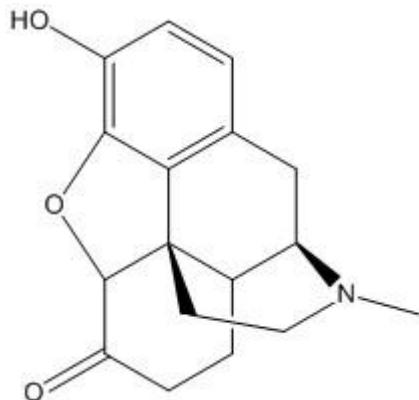
Hydrocodone (dihydrocodeinone)



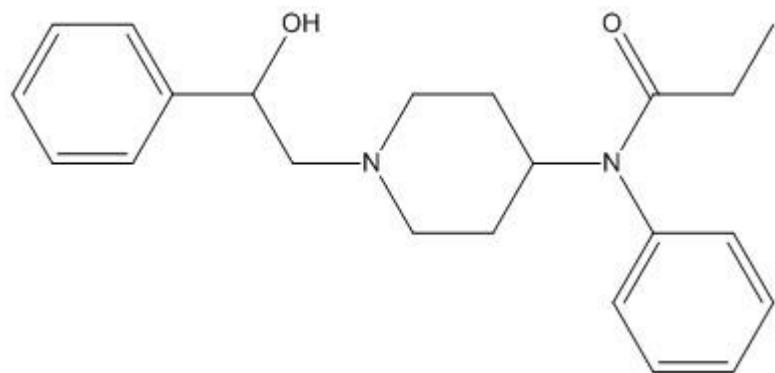
Hydromorphanol (14-hydroxydihydromorphine)



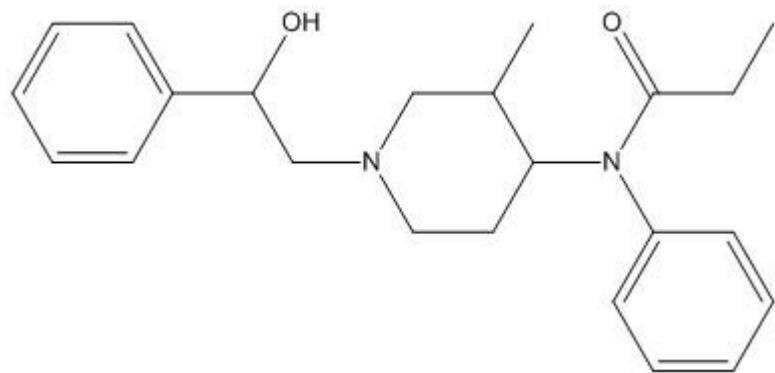
Hydromorphone (dihydromorphinone)



β -hydroxyfentanyl (*N*-[1-(β -hydroxyphenethyl)-4-piperidyl]propionanilide)

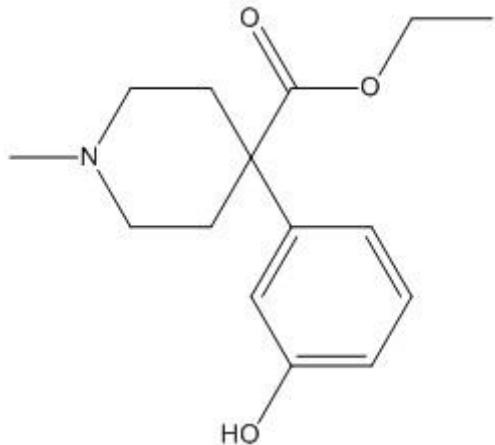


β -hydroxy-3-methylfentanyl (*N*-[1-(β -hydroxyphenethyl)-3-methyl-4-piperidyl]propionanilide)

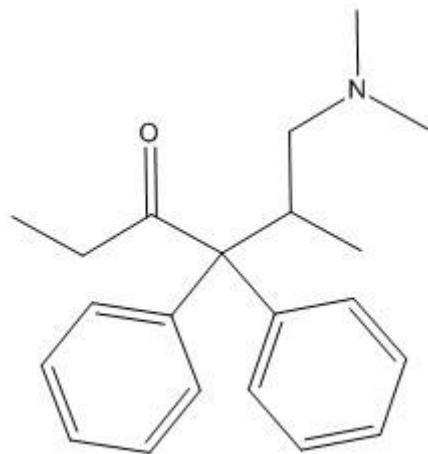


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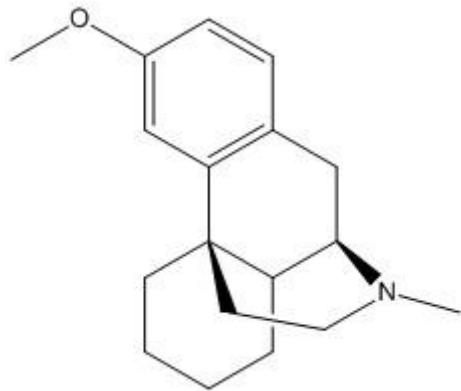
Hydroxypethidine (4-*meta*-hydroxyphenyl-1-methylpiperidine-4-carboxylic acid ethyl ester)



Isomethadone (6-dimethylamino-5-methyl-4,4-diphenyl-3-hexanone)

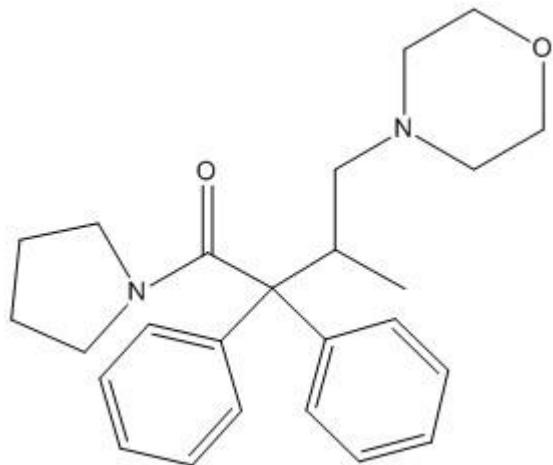


Levomethorphan ((*–*)-3-methoxy-*N*-methylmorphinan)

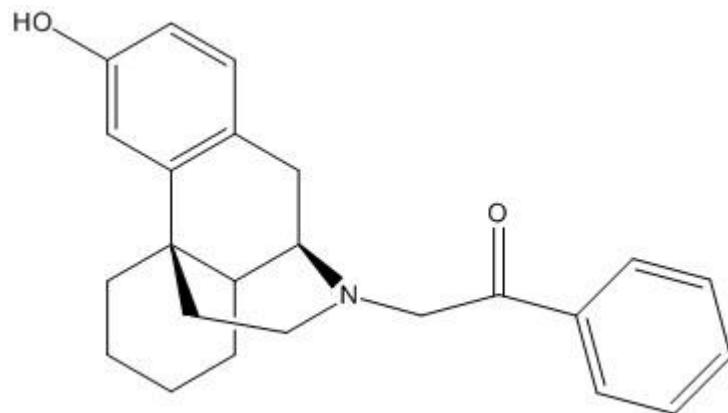


Schedule 2 – Class B

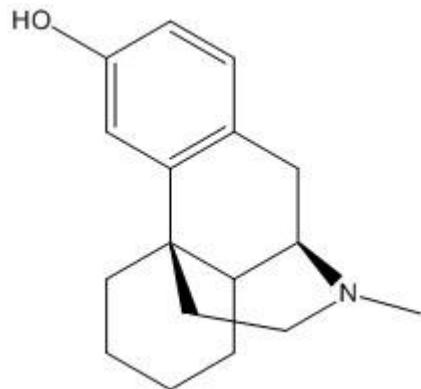
Levomoramide ((*-*)-4-[2-methyl-4-oxo-3,3-diphenyl-4-(1-pyrrolidinyl)butyl]morpholine)



Levophenacylmorphan ((*-*)-3-hydroxy-*N*-phenacylmorphinan)

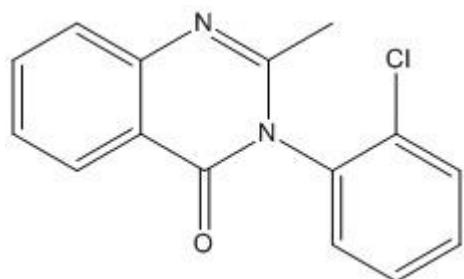


Levorphanol ((*-*)-3-hydroxy-*N*-methylmorphinan)

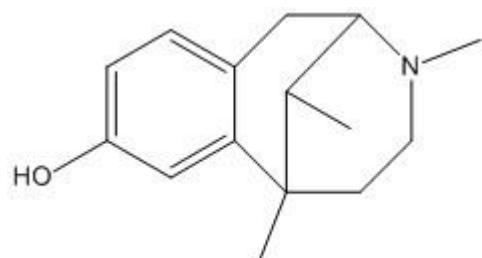


Schedule 2 – Class B

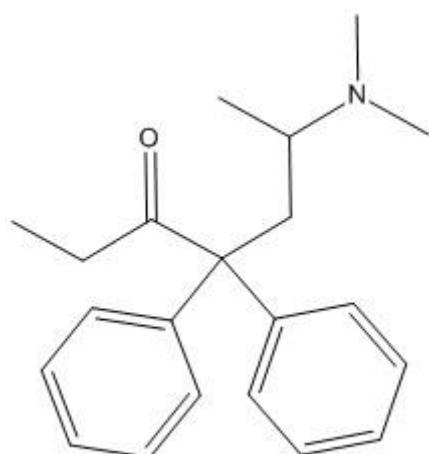
Mecloqualone (3-(2-chlorophenyl)-2-methyl-4-(3*H*)-quinazolinone)



Metazocine (2'-hydroxy-2,5,9-trimethyl-6,7-benzomorphan)

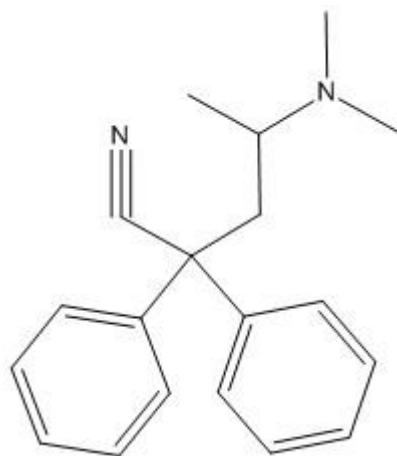


Methadone (6-dimethylamino-4,4-diphenyl-3-heptanone)

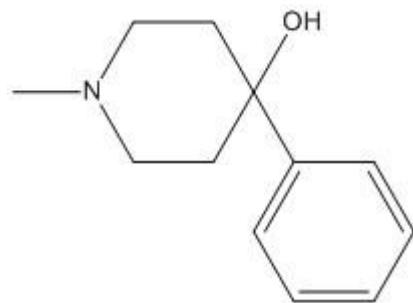


Schedule 2 – Class B

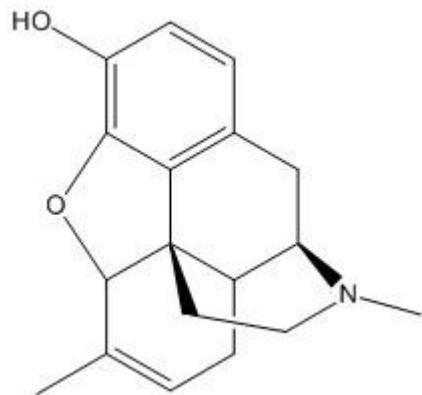
Methadone-intermediate (4-cyano-2-dimethylamino-4,4-diphenylbutane)



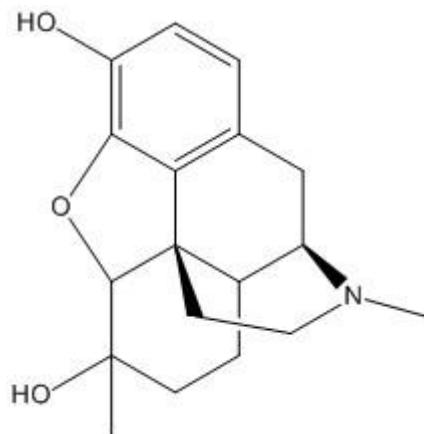
1-methyl-4-phenyl-4-piperidinol



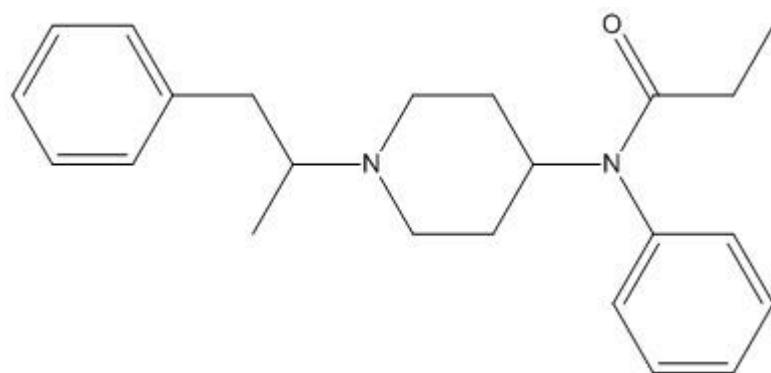
Methyldesorphine (6-methyl- Δ^6 -deoxymorphine)



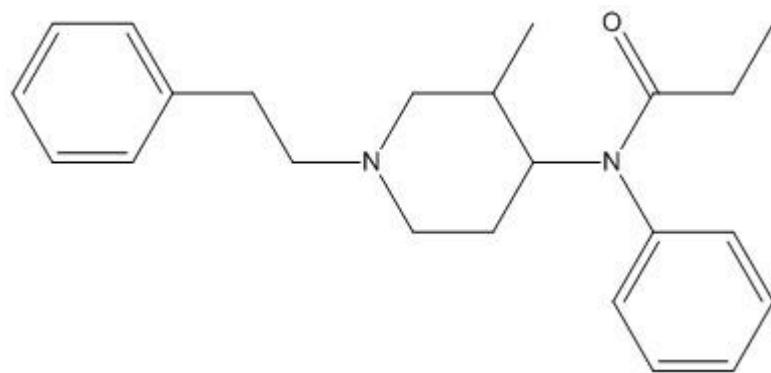
Methyldihydromorphine (6-methyldihydromorphine)



α -methylfentanyl (*N*-[1-(α -methylphenethyl)-4-piperidyl]propionanilide)

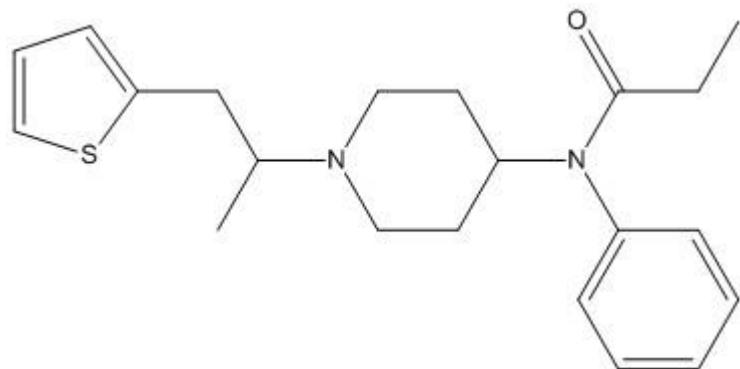


3-methylfentanyl (*N*-[3-methyl-1-phenethyl-4-piperidyl]propionanilide)

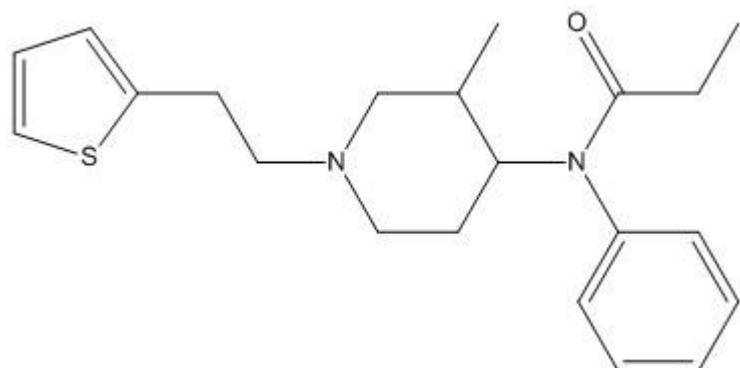


Schedule 2 – Class B

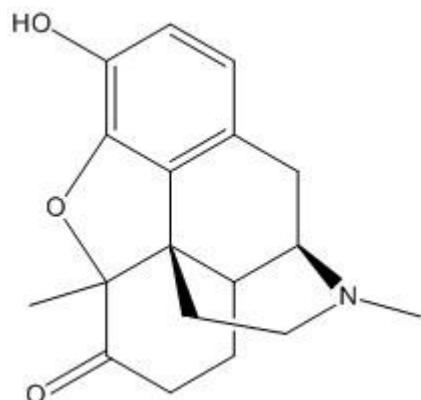
α -methylthiofentanyl (*N*-[1-[1-methyl-2-(2-thienyl)ethyl]-4-piperidyl]propionanilide)



3-methylthiofentanyl (*N*-[3-methyl-1-[2-(2-thienyl)ethyl]-4-piperidyl]propionanilide)

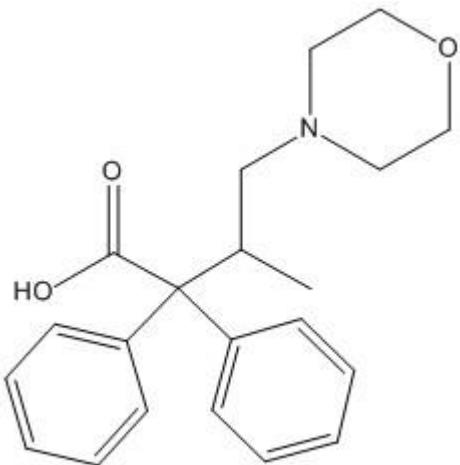


Metopon (5-methyldihydromorphinone)

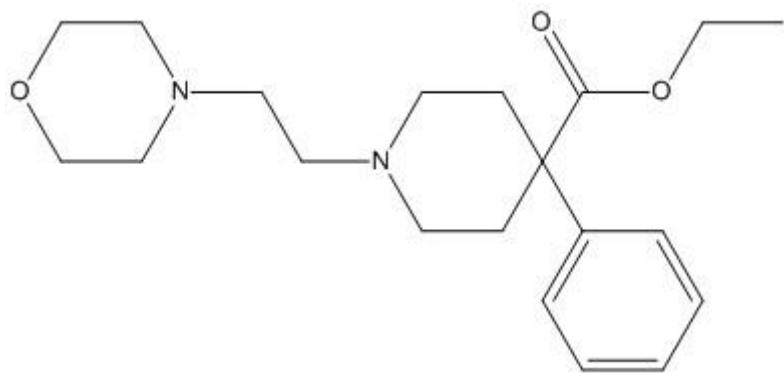


Schedule 2 – Class B

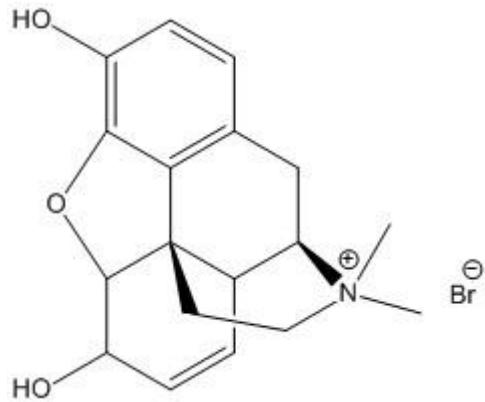
Moramide-intermediate (2-methyl-3-morpholino-1,1-diphenylpropane carboxylic acid)



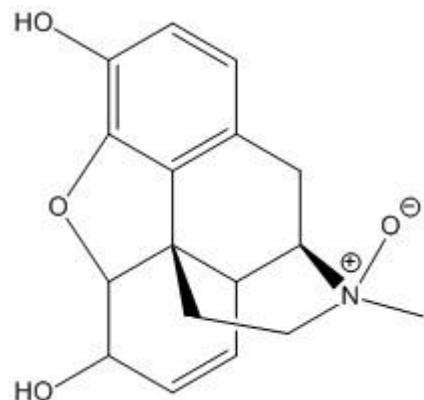
Mopheridine (1-(2-morpholinoethyl)-4-phenylpiperidine-4-carboxylic acid ethyl ester)



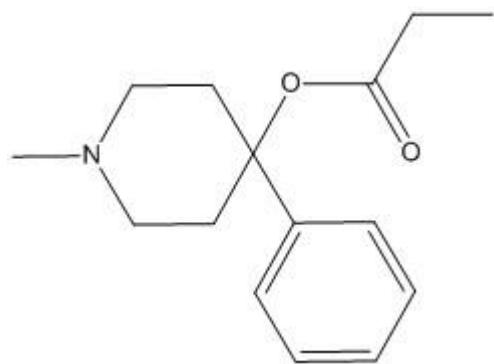
Morphine methobromide and other pentavalent nitrogen morphine derivatives



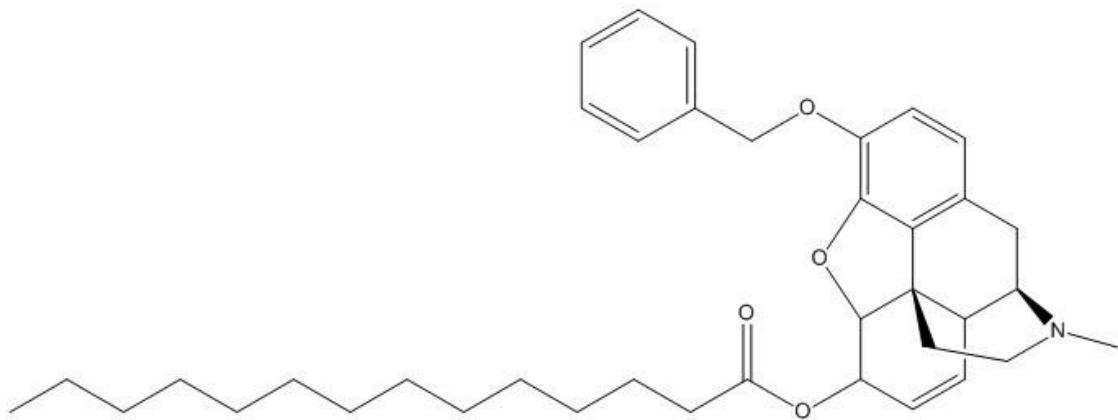
Morphine-n-oxide



MPPP (1-methyl-4-phenyl-4-piperidinol propionate (ester))

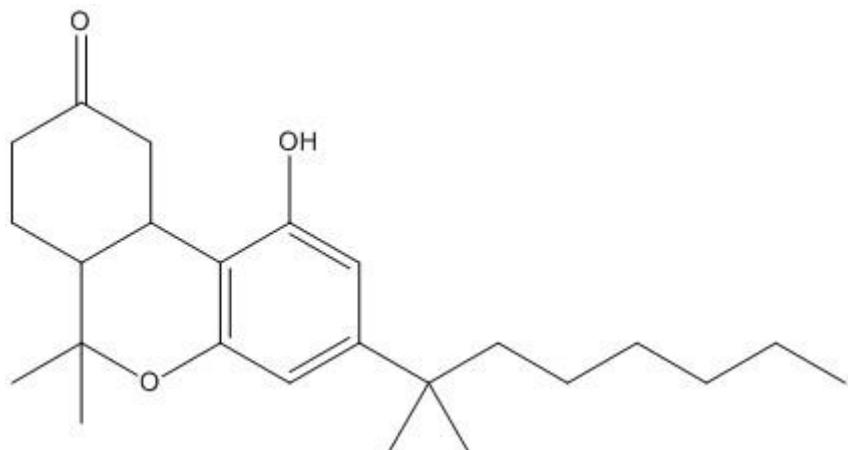


Myrophine (myristylbenzylmorphine)

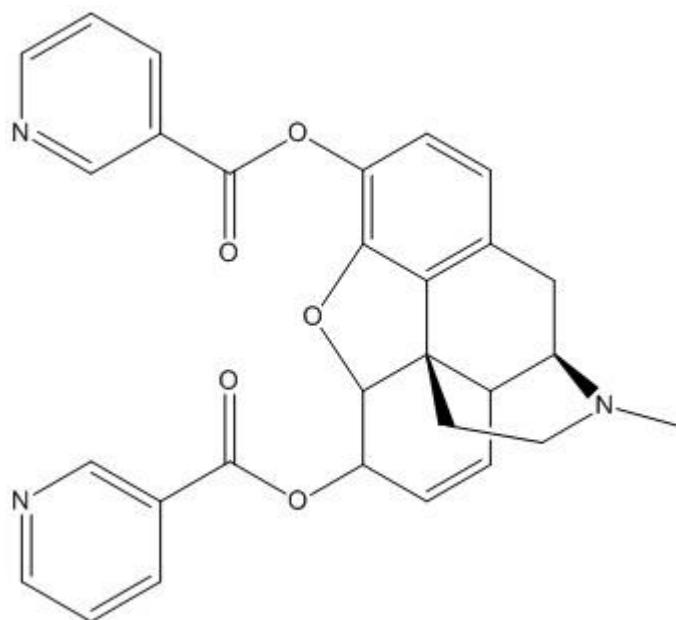


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Nabilone (*trans*-3-(1-1-dimethylheptyl)-6,6a,7,8,10,10a-hexahydro-1-hydroxy-6,6-dimethyl-9*H*-dibenzo[*b,d*]pyran-9-one)

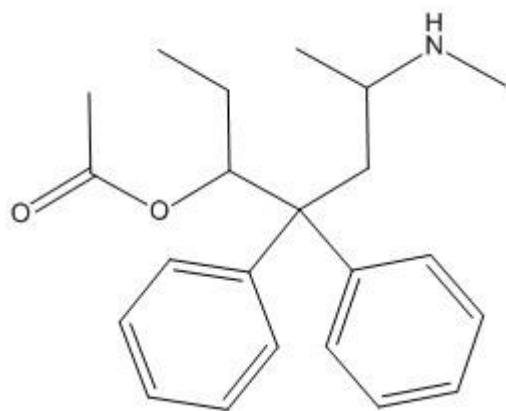


Nicomorphine (3,6-dinicotinylmorphine)

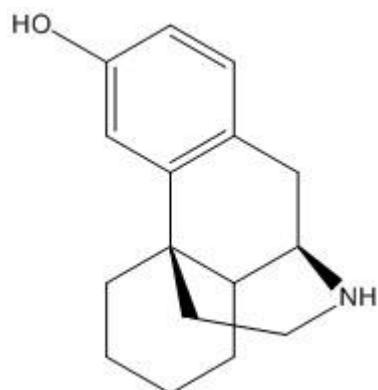


Schedule 2 – Class B

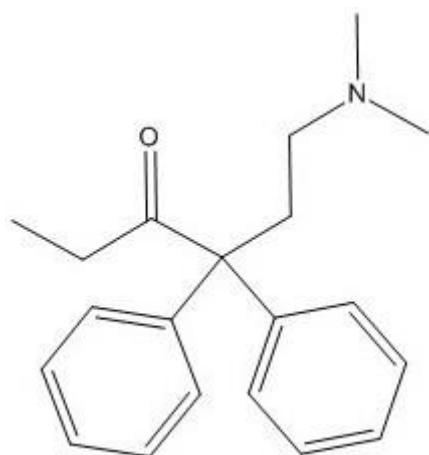
Noracymethadol (α -3-acetoxy-6-methylamino-4,4-diphenylheptane)



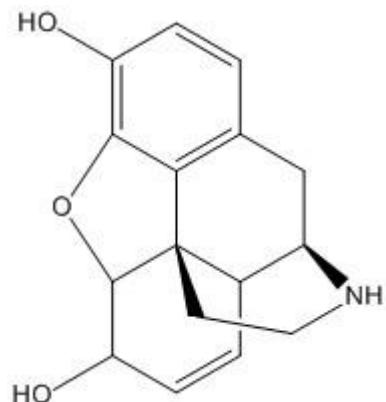
Norlevorphanol (($-$)-3-hydroxymorphinan)



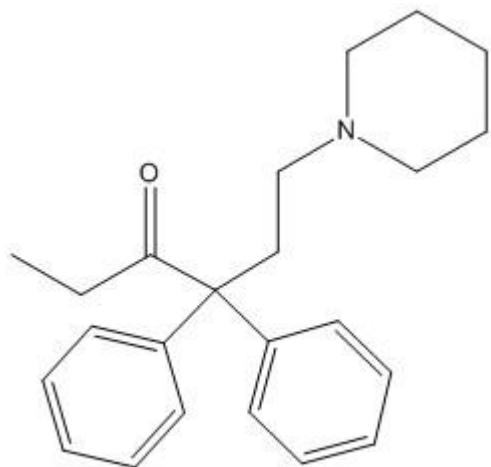
Normethadone (6-dimethylamino-4,4-diphenyl-3-hexanone)



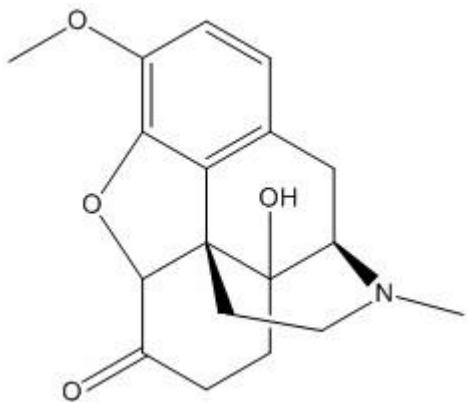
Normorphine (demethylmorphine)



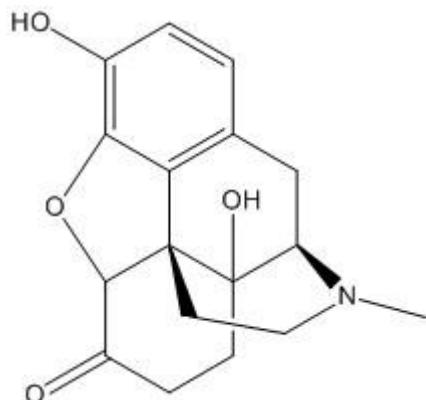
Norpipanone (4,4-diphenyl-6-piperidino-3-hexanone)



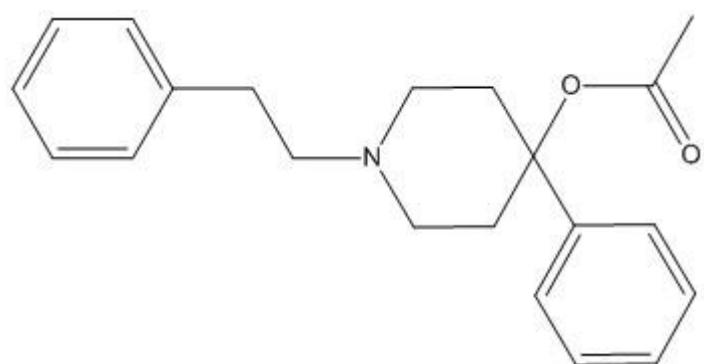
Oxycodone (14-hydroxydihydrocodeinone)



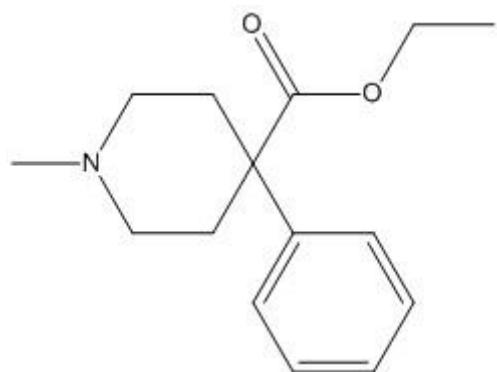
Oxymorphone (14-hydroxydihydromorphinone)



PEPAP (1-phenethyl-4-phenyl-4-piperidinol acetate (ester))

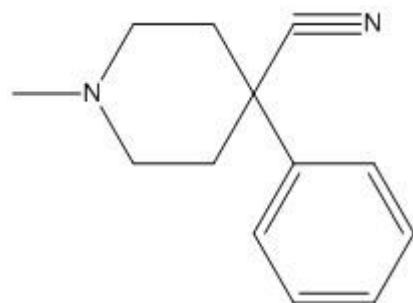


Pethidine (1-methyl-4-phenylpiperidine-4-carboxylic acid ethyl ester)

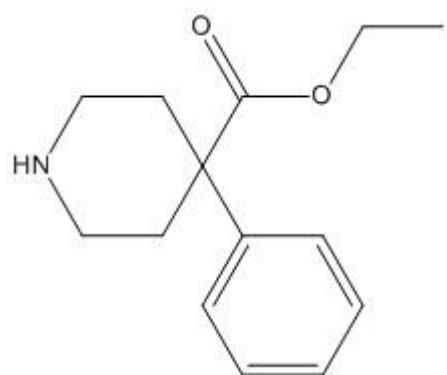


Schedule 2 – Class B

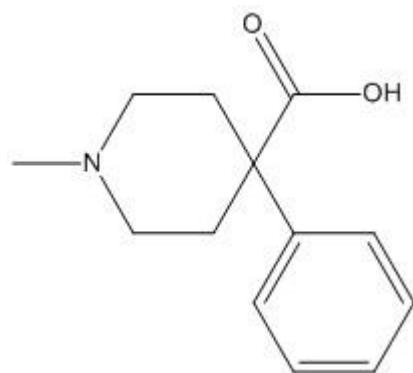
Pethidine-intermediate-A (4-cyano-1-methyl-4-phenylpiperidine)



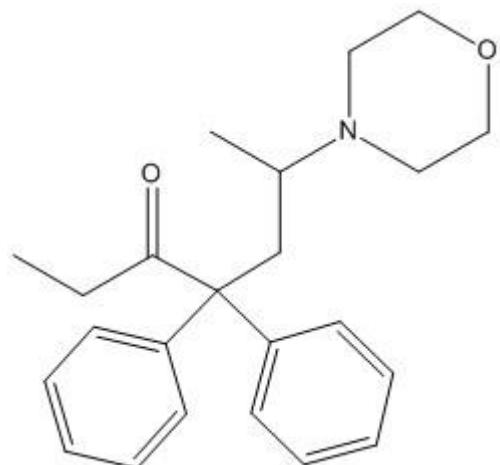
Pethidine-intermediate-B (4-phenylpiperidine-4-carboxylic acid ethyl ester)



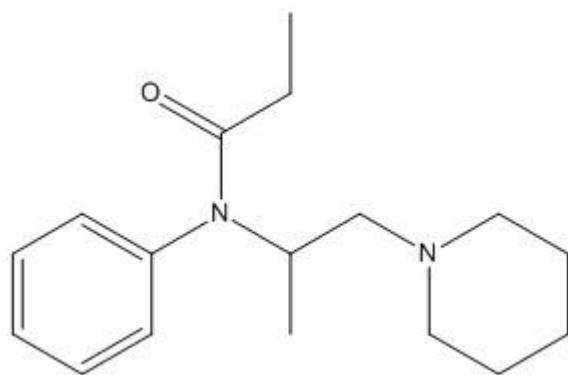
Pethidine-intermediate-C (1-methyl-4-phenylpiperidine-4-carboxylic acid)



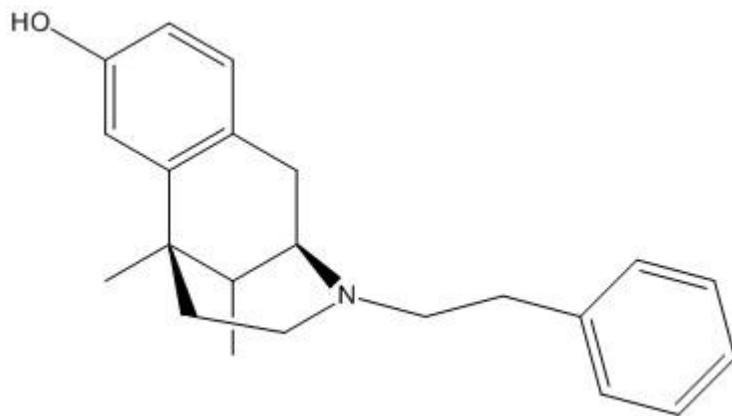
Phenadoxone (6-morpholino-4,4-diphenyl-3-heptanone)



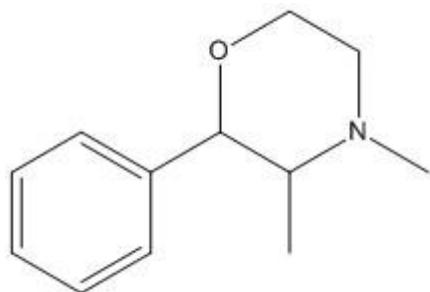
Phenampromide (*N*-(1-methyl-2-piperidinoethyl)propionanilide)



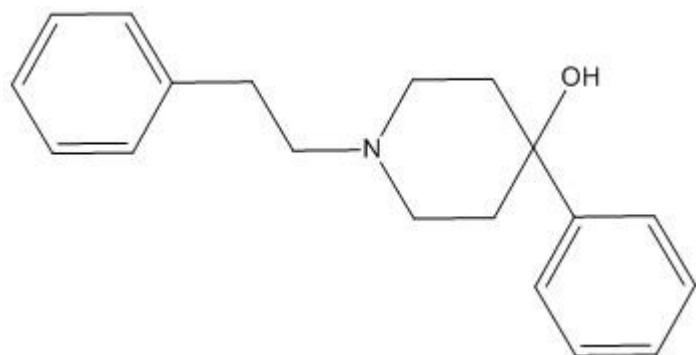
Phenazocine (2'-hydroxy-5,9-dimethyl-2-phenethyl-6,7-benzomorphan)



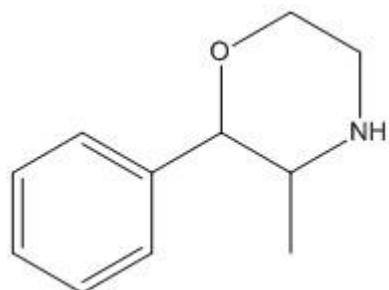
Phendimetrazine (3,4-dimethyl-2-phenylmorpholine)



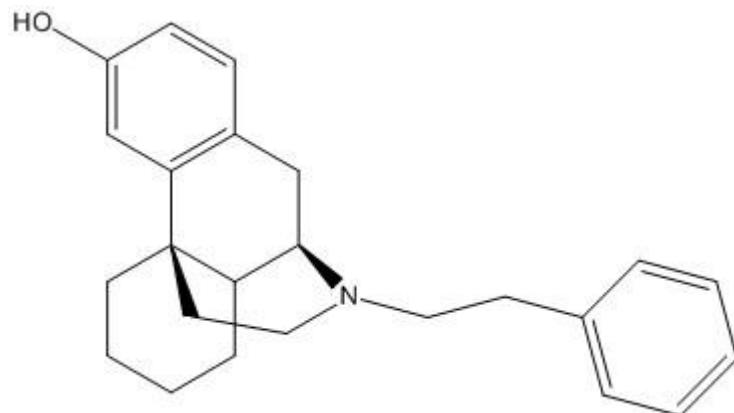
1-phenethyl-4-phenyl-4-piperidinol



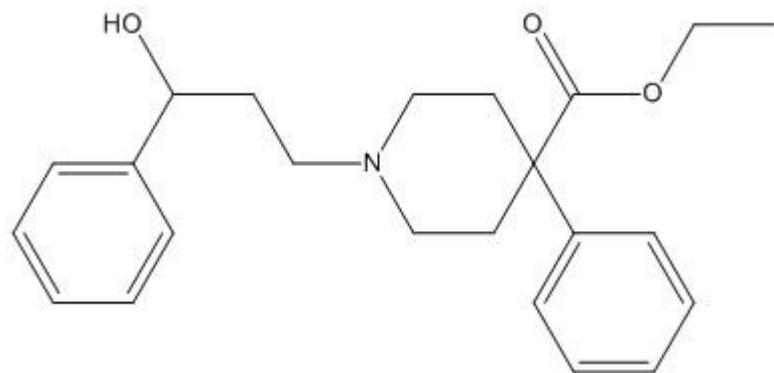
Phenmetrazine (3-methyl-2-phenylmorpholine)



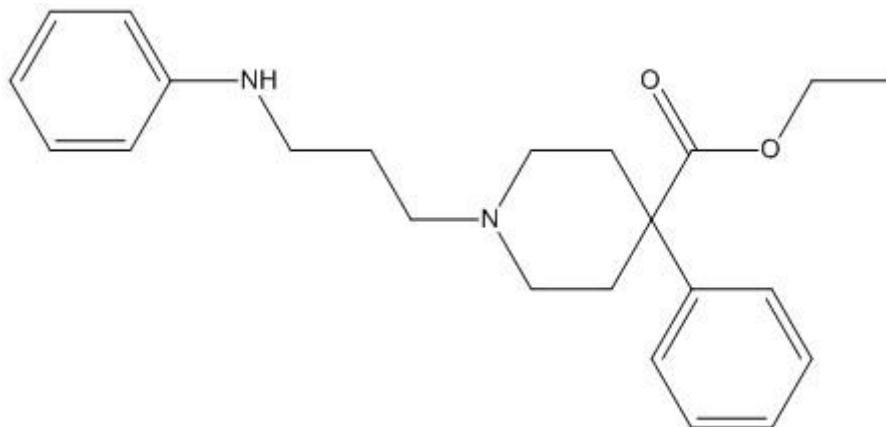
Phenomorphan (3-hydroxy-N-phenethylmorphinan)



Phenoperidine (1-(3-hydroxy-3-phenylpropyl)-4-phenylpiperidine-4-carboxylic acid ethyl ester)

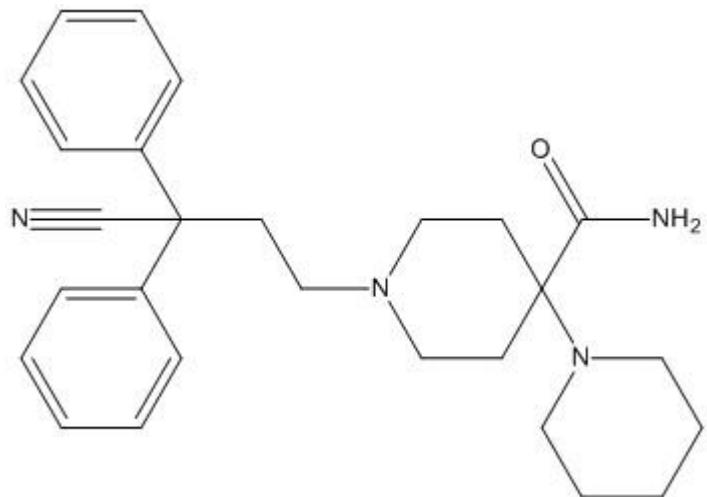


Piminodine (4-phenyl-1-(3-phenylaminopropyl)piperidine-4-carboxylic acid ethyl ester)

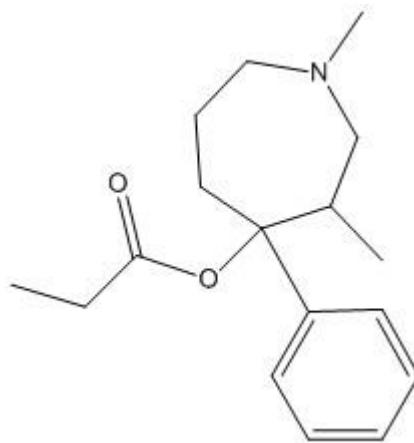


Schedule 2 – Class B

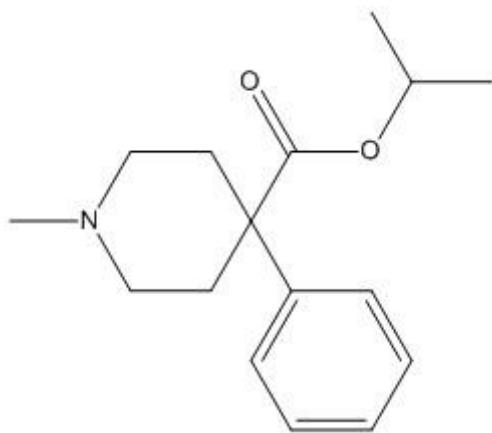
Piritramide (1-(3-cyano-3,3-diphenylpropyl)-4-(1-piperidino) piperidine-4-carboxylic acid amide)



Proheptazine (1,3-dimethyl-4-phenyl-4-propionoxyazacycloheptane)

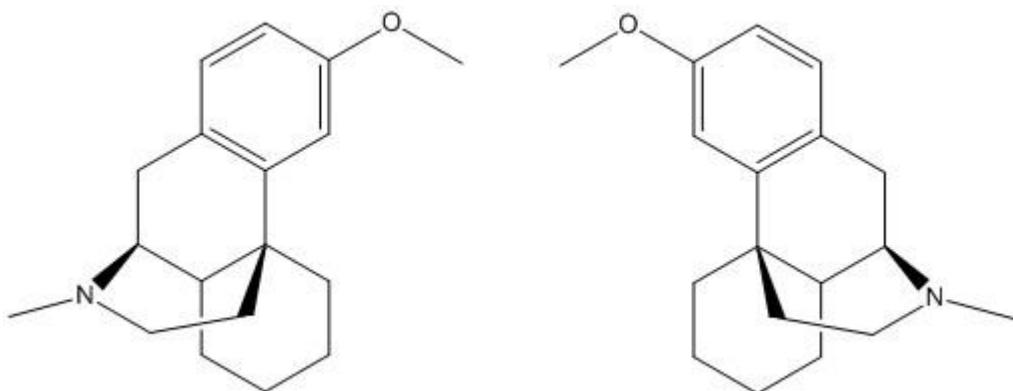


Properidine (1-methyl-4-phenylpiperidine-4-carboxylic acid isopropyl ester)

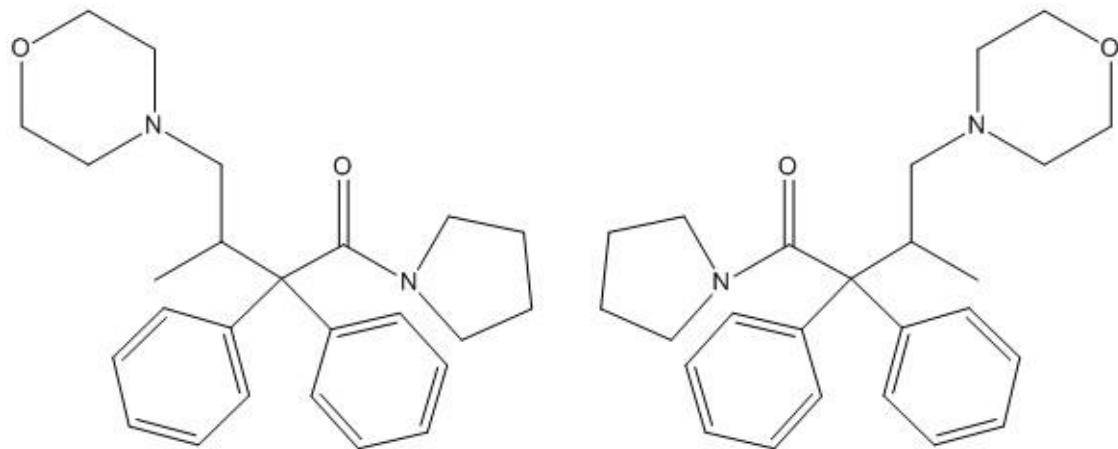


Schedule 2 – Class B

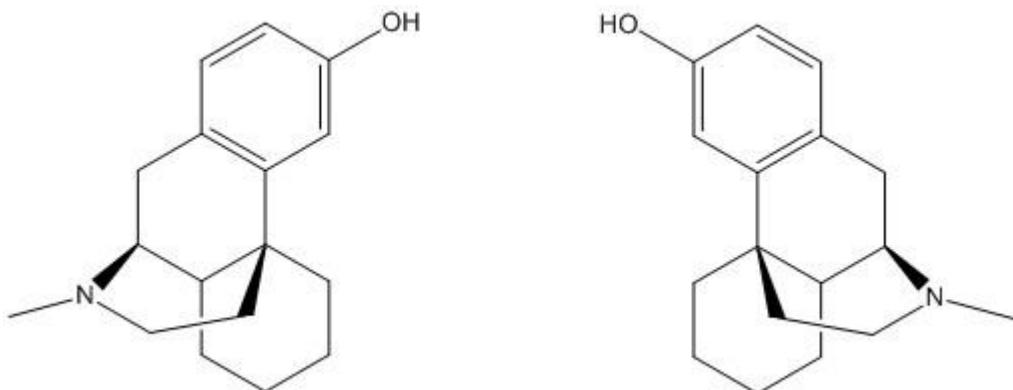
Racemethorphan ((\pm)-3-methoxy-*N*-methylmorphinan)



Racemoramide ((\pm)-4-[2-methyl-4-oxo-3,3-diphenyl-4-(1-pyrrolidinyl)butyl]morpholine)

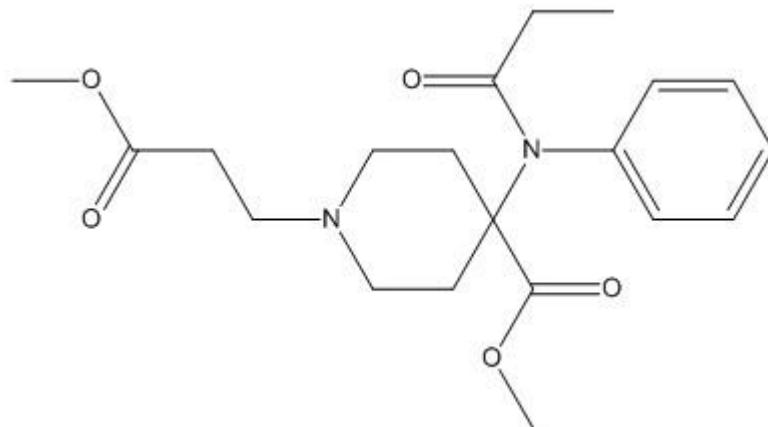


Racemorphan ((\pm)-3-hydroxy-*N*-methylmorphinan)

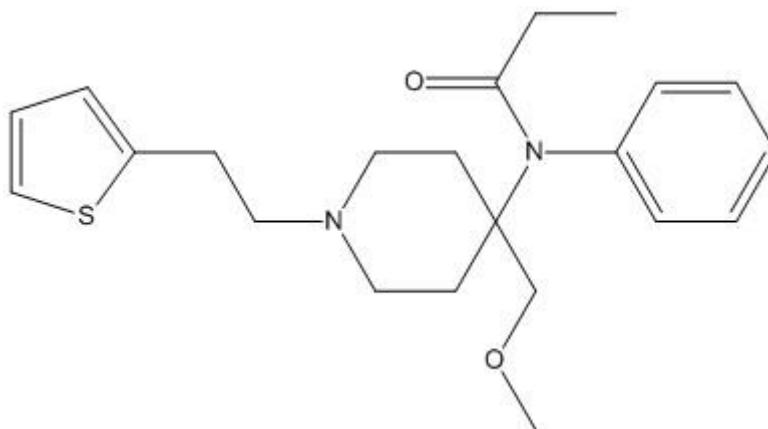


Schedule 2 – Class B

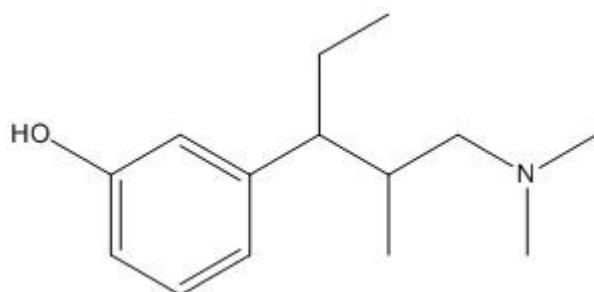
Remifentanil (1-(2-methoxycarbonyl-ethyl)-4-(phenylpropionyl-amino)-piperidine-4-carboxylic acid methyl ester)



Sufentanil (*N*-[4-(methoxymethyl)-1-[2-(2-thienyl)ethyl]-4-piperidyl]propionanilide)

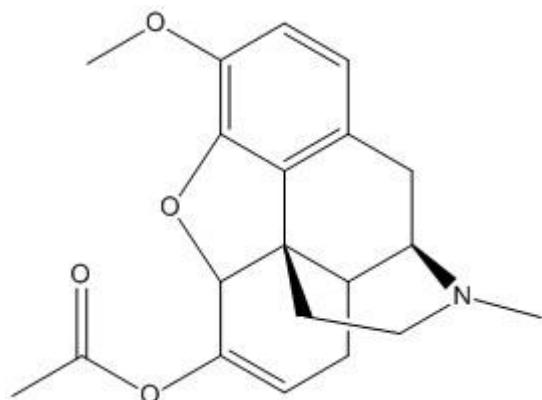


Tapentadol (3-[(1*R*,2*R*)-3-(dimethylamino)-1-ethyl-2-methylpropyl]phenol hydrochloride)

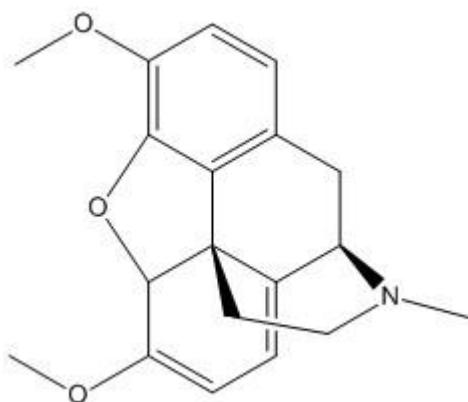


Schedule 2 – Class B

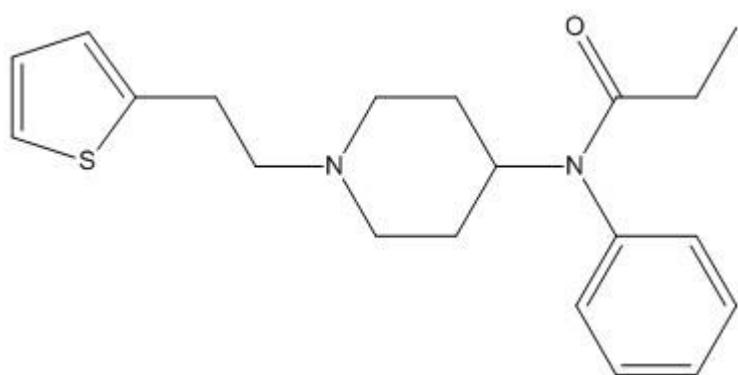
Thebacon (acetyldihydrocodeinone)



Thebaine

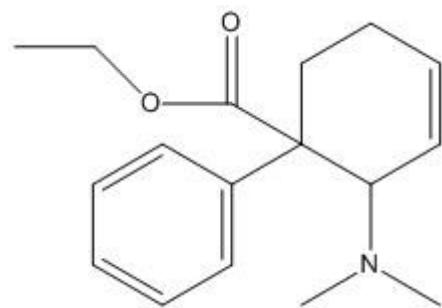


Thiofentanyl (*N*-[1-[2-(2-thienyl)ethyl]-4-piperidyl]propionanilide)

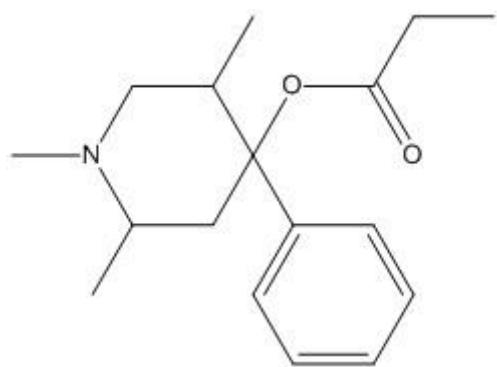


Schedule 2 – Class B

Tilidine ((\pm)-ethyl *trans*-2-(dimethylamino)-1-phenyl-3-cyclohexene-1-carboxylate)



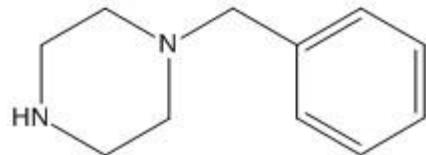
Trimeperidine (1,2,5-trimethyl-4-phenyl-4-propionoxypiperidine)



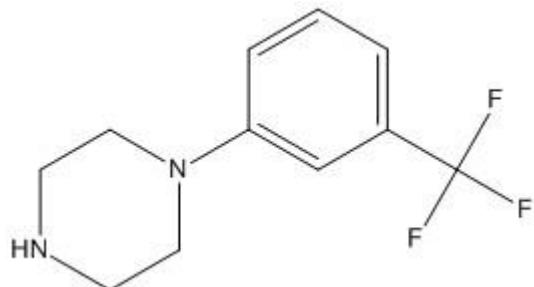
Schedule 3 – Class C

Part 1

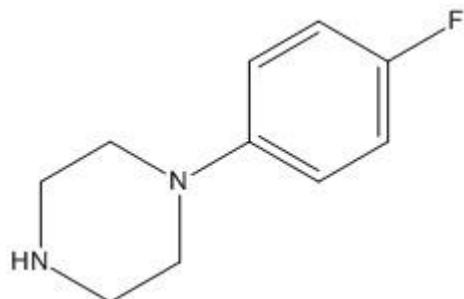
BZP (1-benzylpiperazine or A2 benzylpiperazine or *N*-benzylpiperazine (1-benzyl-1,4-diazacyclohexane))



TFMPP (1-(3-trifluoromethylphenyl)piperazine or *N*-(3-trifluoromethylphenyl)piperazine)

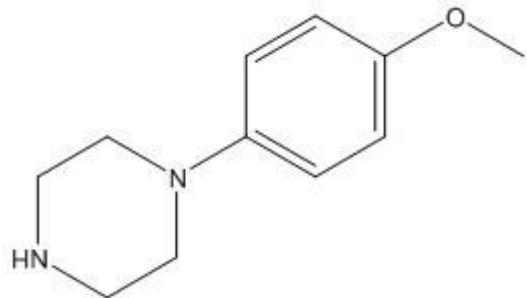


pPPP (1-(4-fluorophenyl)piperazine)

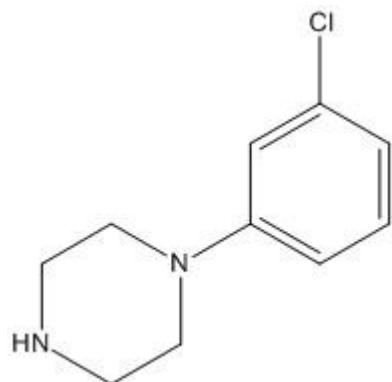


Schedule 3 – Class C

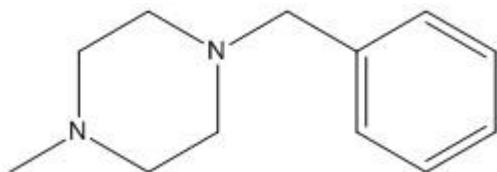
MeOPP (1-(4-methoxyphenyl)piperazine)



mCPP (1-(meta-chlorophenyl)piperazine) or 1-(3-chlorophenyl)piperazine)

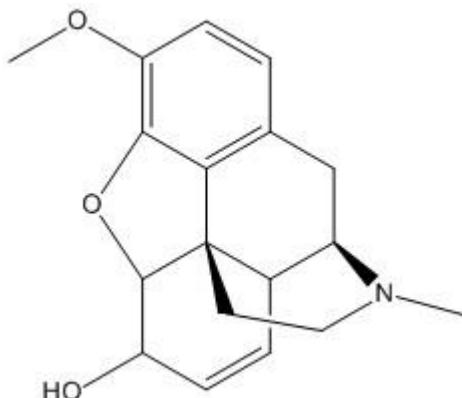


MBZP (1-methyl-4-benzylpiperazine)

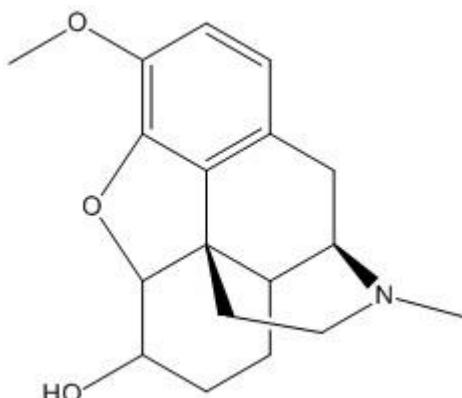


Part 2

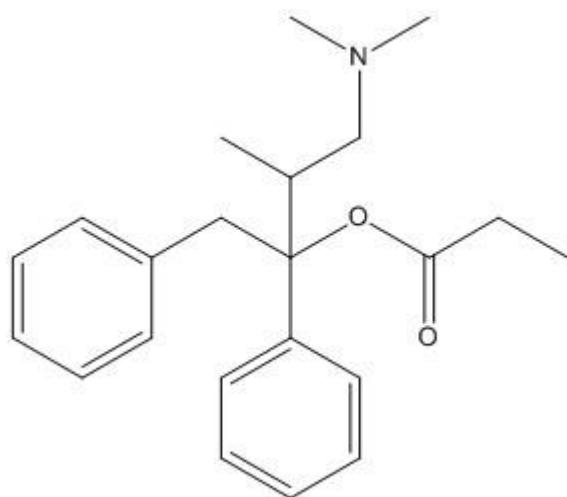
Codeine (3-methylmorphine)



Dihydrocodeine

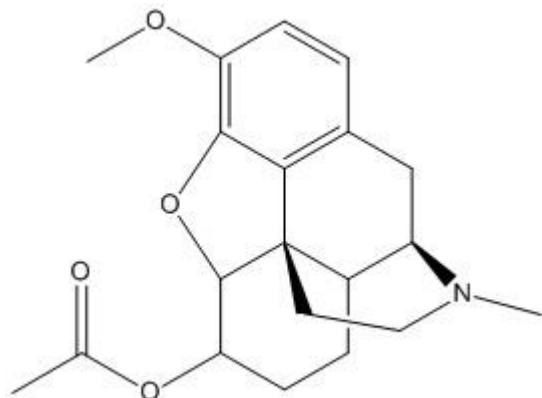


Propoxyphene (α -4 (*N,N*-dimethylamino)-1,2-diphenyl-3-methyl-2-propionoxybutane)

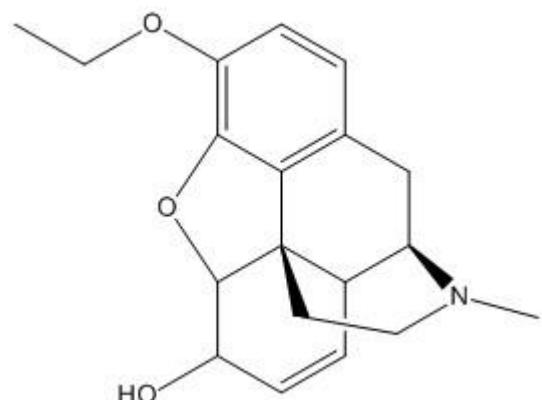


Part 3

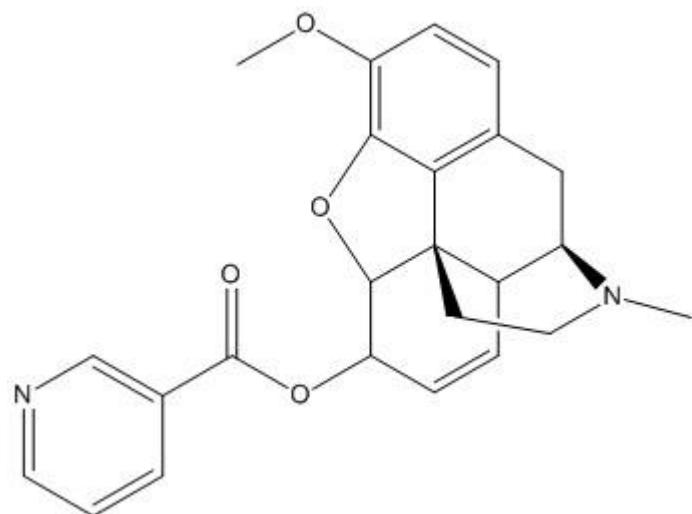
Acetyldihydrocodeine



Ethylmorphine (3-ethylmorphine)

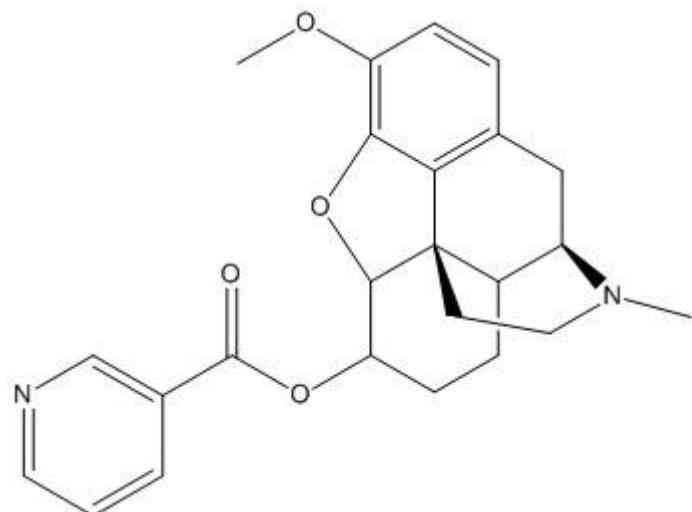


Nicocodine (6-nicotinylcodeine)

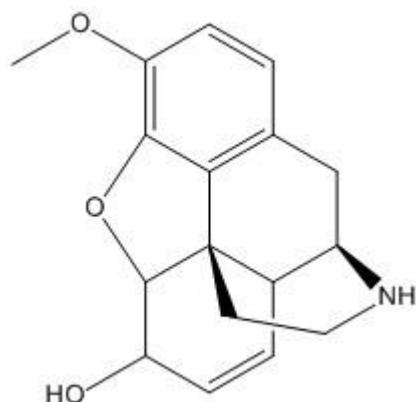


Schedule 3 – Class C

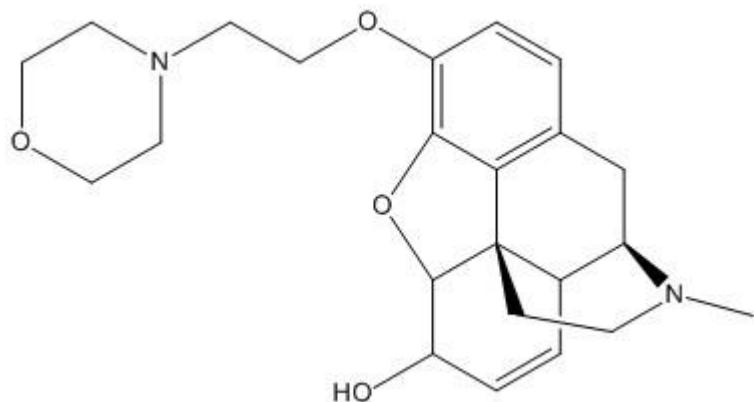
Nicodicodine (6-nicotinylidihydrocodeine or nicotinic acid ester of dihydrocodeine)



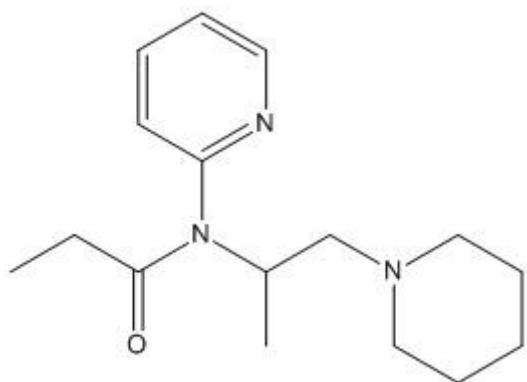
Norcodeine (*N*-demethylcodeine)



Pholcodine (morpholinylethylmorphine)

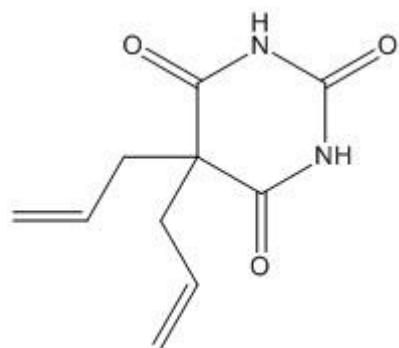


Propiram (*N*-(1-methyl-2-piperidinoethyl)-*N*-2-pyridylpropionamide)

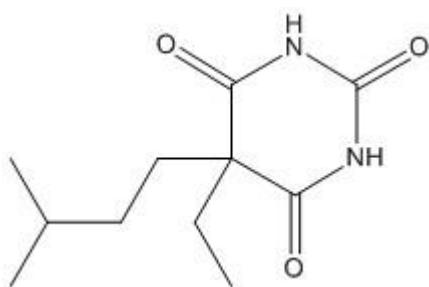


Part 4

Allobarbital (5,5-diallylbarbituric acid)

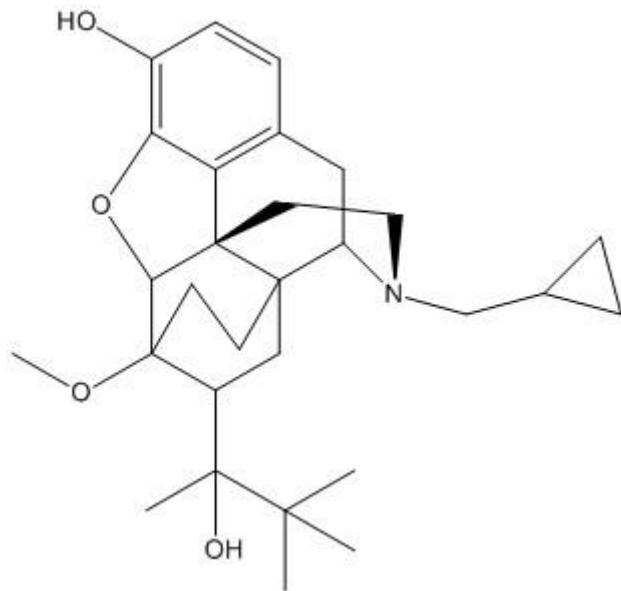


Amobarbital (5-ethyl-5-(3-methylbutyl) barbituric acid)

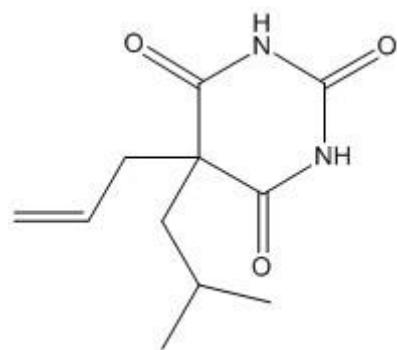


Schedule 3 – Class C

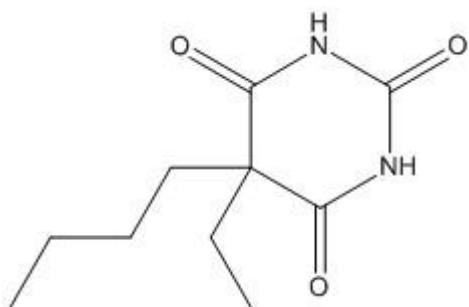
Buprenorphine (17-cyclopropylmethyl-7,8-dihydro-7-(1-hydroxy-1,2,2-trimethylpropyl)-6-O-methyl-6, 14-ethano-17-normorphine)



Butalbital (5-allyl-5-isobutylbarbituric acid)

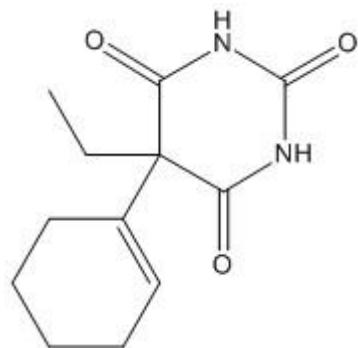


Butobarbitone (5-butyl-5-ethylbarbituric acid)

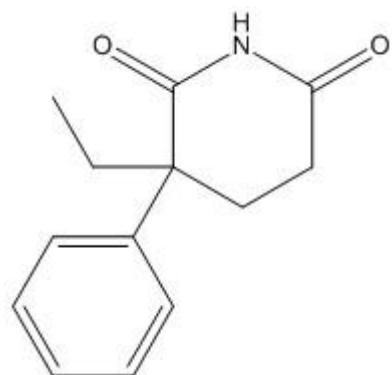


Schedule 3 – Class C

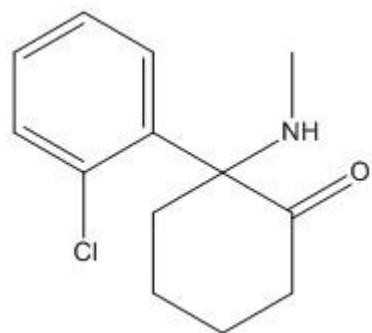
Cyclobarbital (5-(1-cyclohexen-1-yl)-5-ethylbarbituric acid)



Glutethimide (2-ethyl-2-phenylglutarimide)

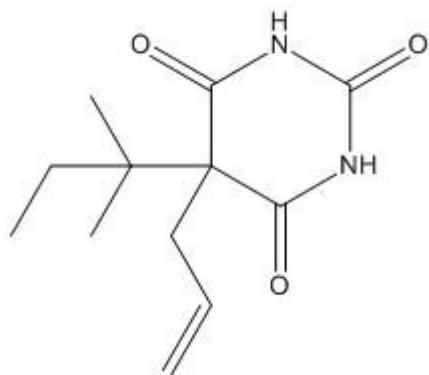


Ketamine (2-(2-chlorophenyl)-2-(methylamino)-cyclohexanone)

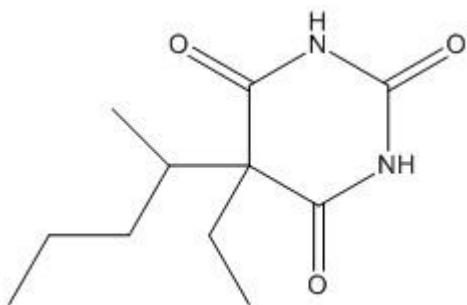


Schedule 3 – Class C

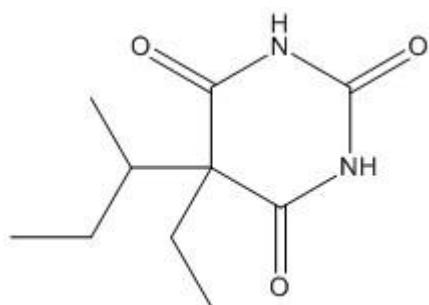
Nealbarbitone (5-allyl-5-neopentylbarbituric acid)



Pentobarbital (5-ethyl-5-(1-methylbutyl)barbituric acid)

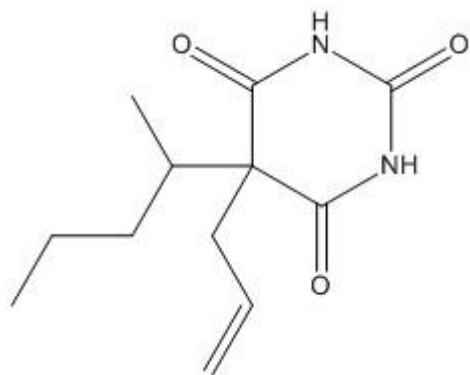


Secbutabarbital (5-sec-butyl-5-ethylbarbituric acid)

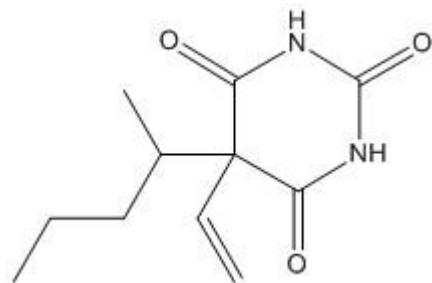


Schedule 3 – Class C

Secobarbital (5-allyl-5-(1-methylbutyl)barbituric acid)

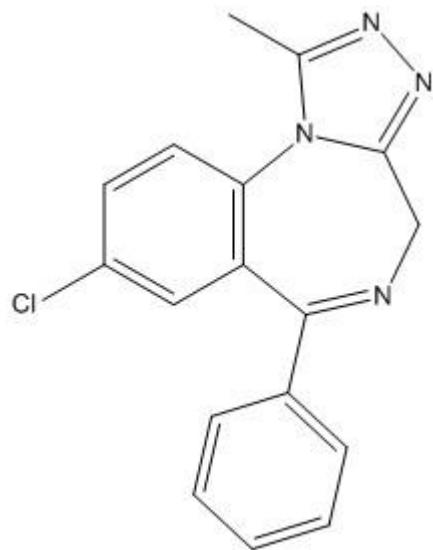


Vinylbital (5-(1-methylbutyl)-5-vinylbarbituric acid)



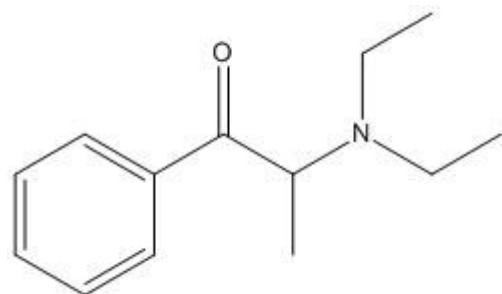
Part 5

Alprazolam



Schedule 3 – Class C

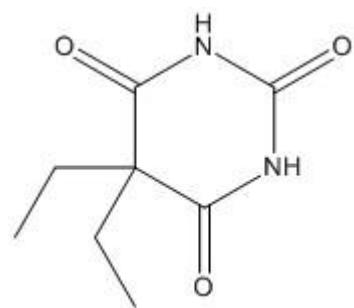
Amfepramone (2-(diethylamino)propiophenone)



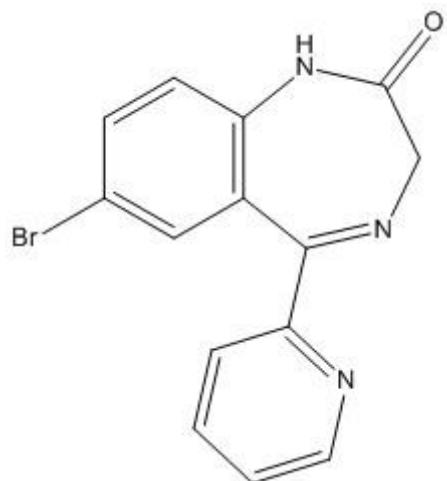
Aminorex



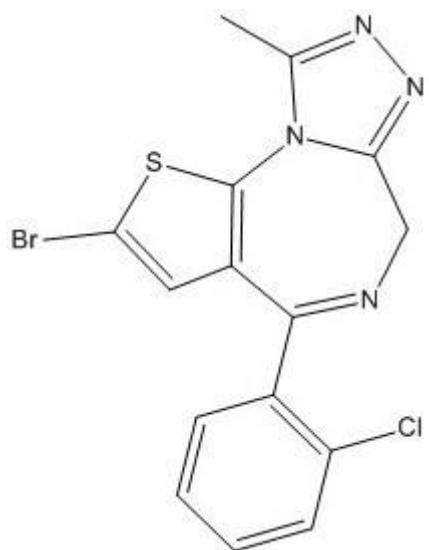
Barbital (5,5-diethylbarbituric acid)



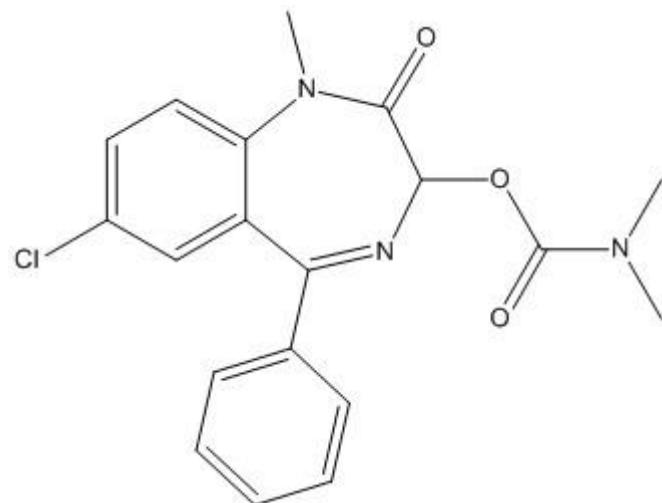
Bromazepam



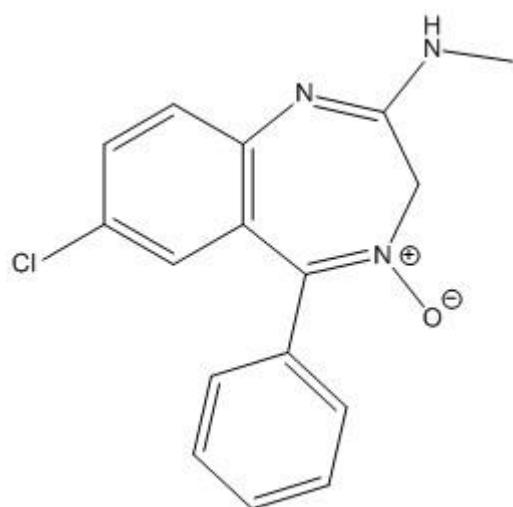
Brotizolam



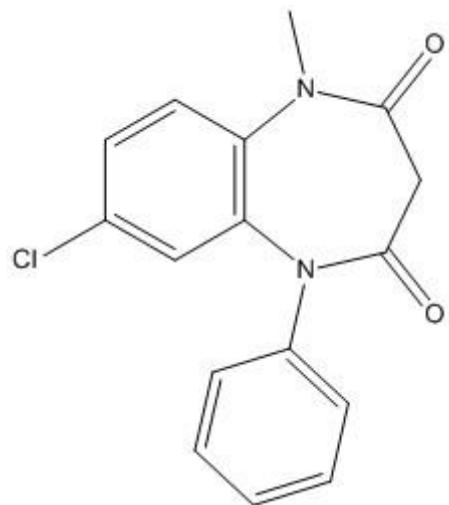
Camazepam



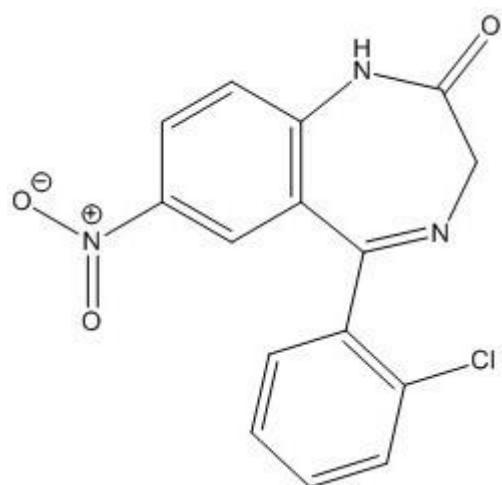
Chlordiazepoxide



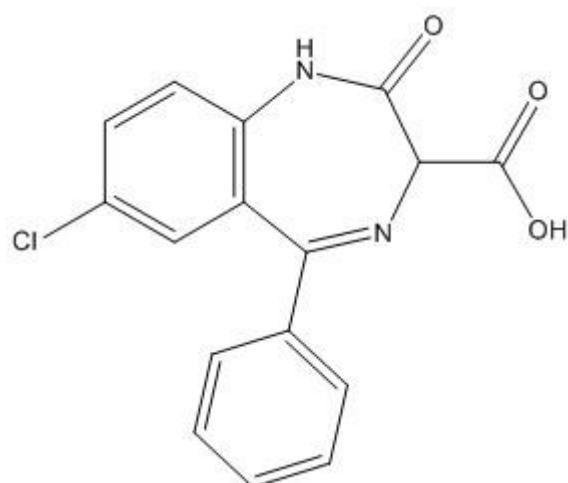
Clobazam



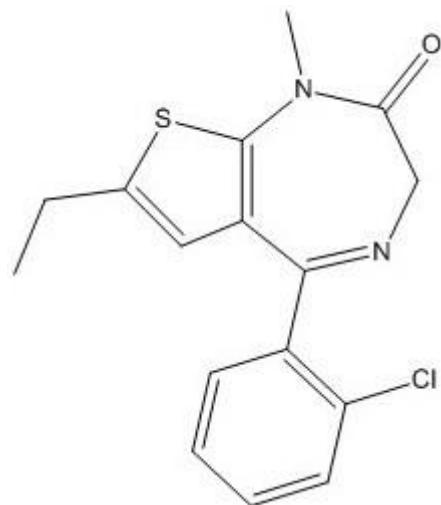
Clonazepam



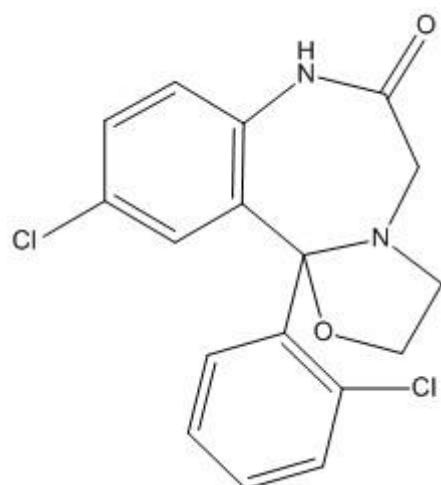
Clorazepate



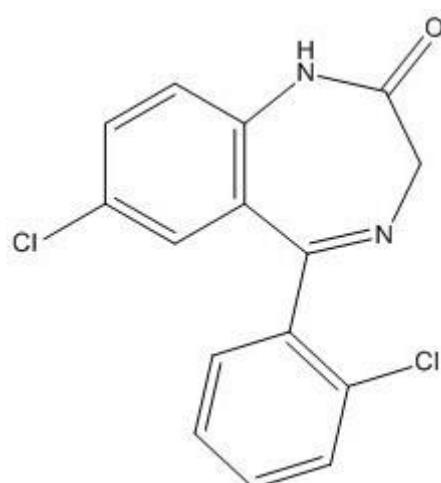
Clotiazepam



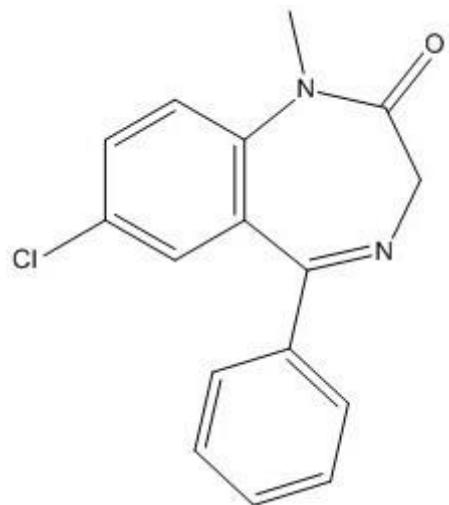
CloxaZolam



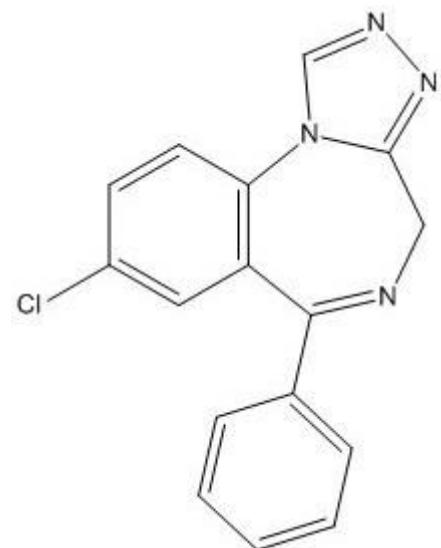
Delorazepam



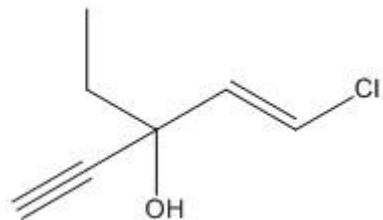
Diazepam



Estazolam

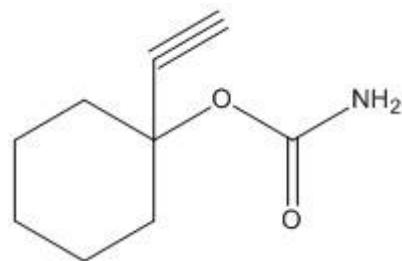


Ethchlorvynol (ethyl-2-chlorovinylethylynol-carbinol)

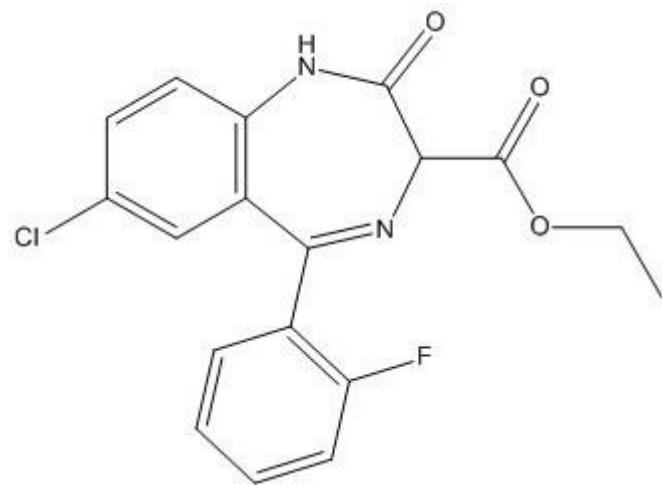


Schedule 3 – Class C

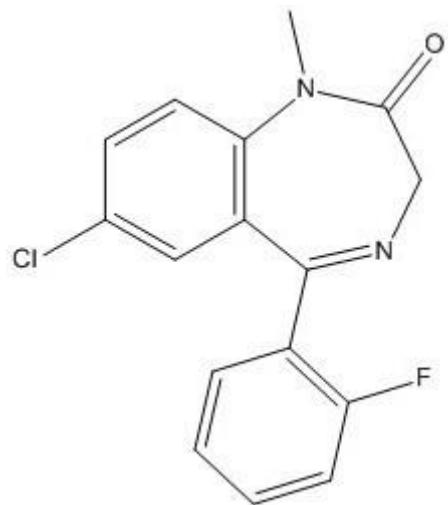
Ethinamate (1-ethynylcyclohexanol carbamate)



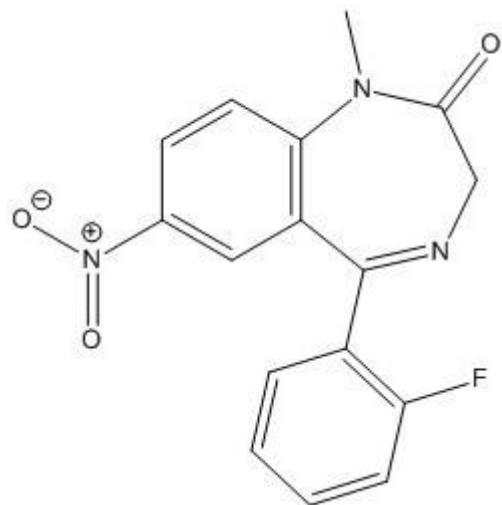
Ethyl Ioflazepate



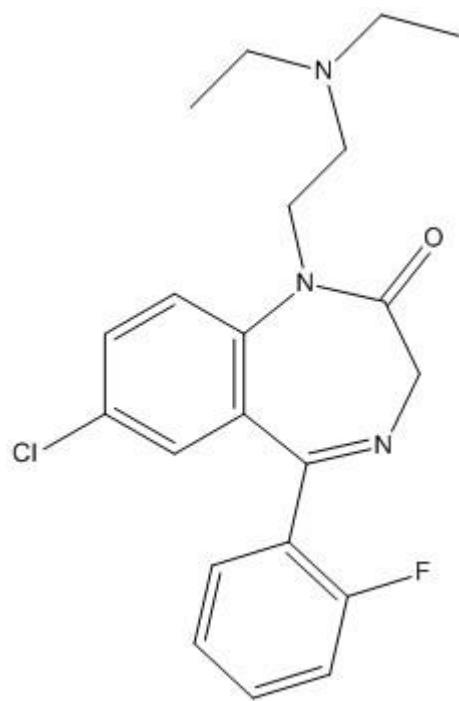
Fludiazepam



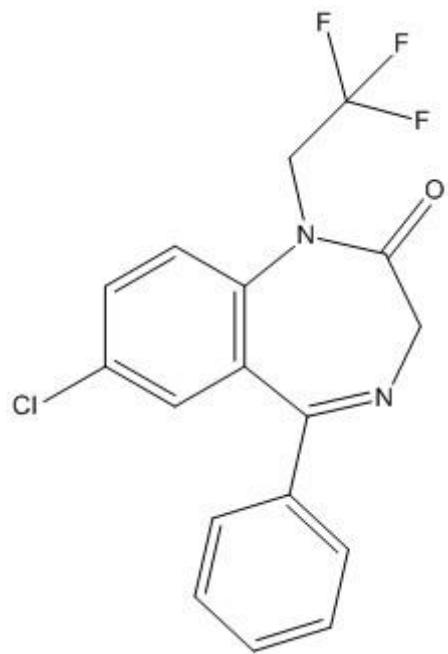
Flunitrazepam



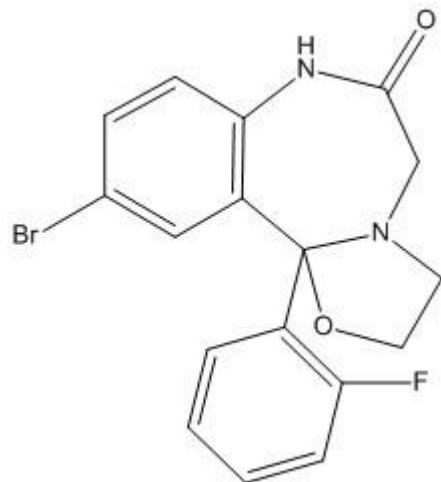
Flurazepam



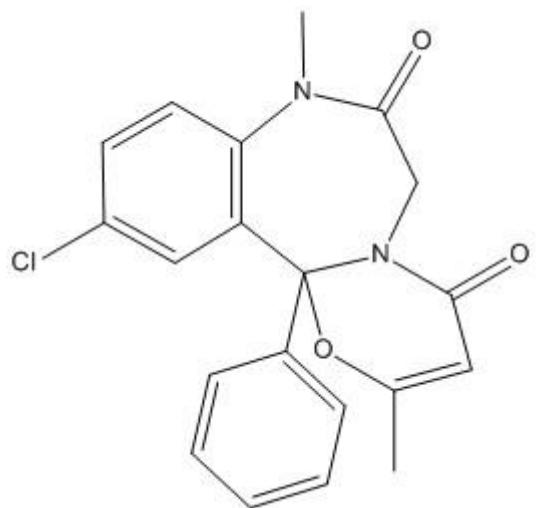
Halazepam



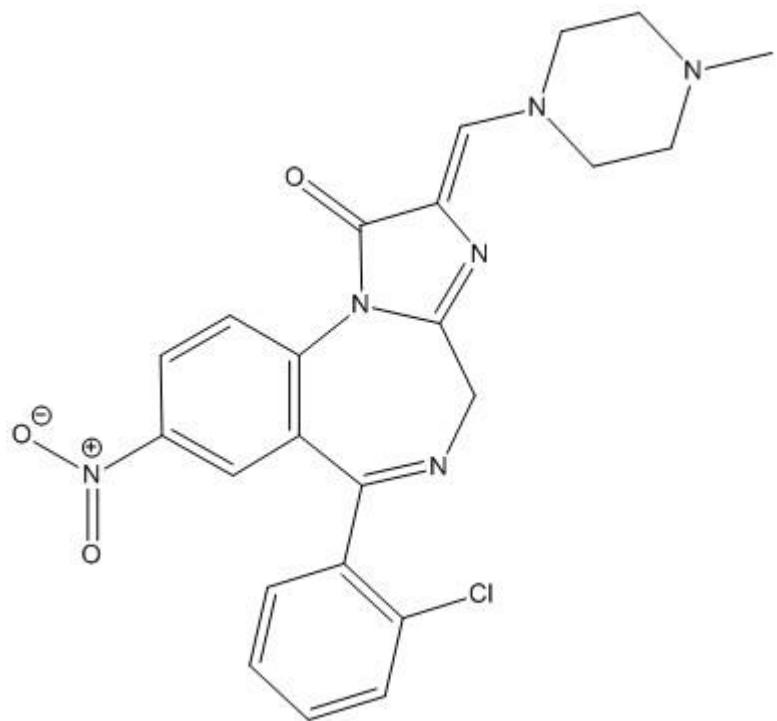
Haloxazolam



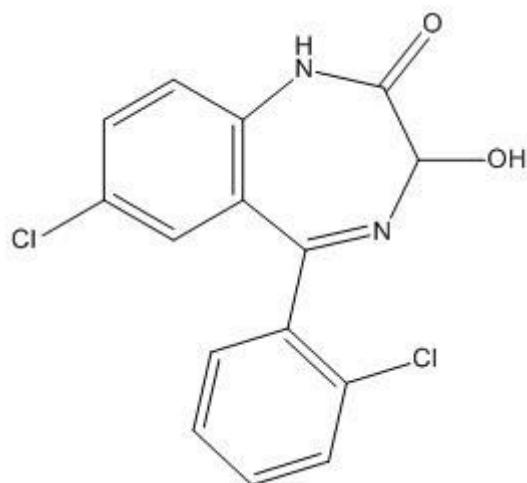
Ketazolam



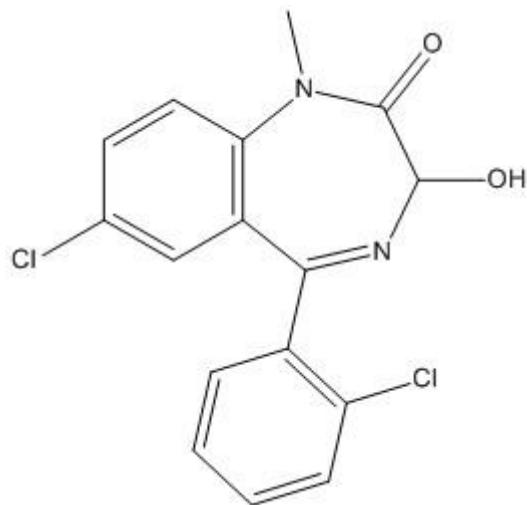
Loprazolam



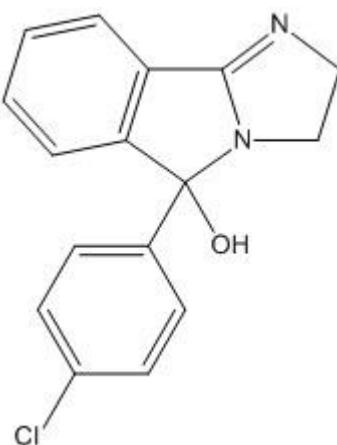
Lorazepam



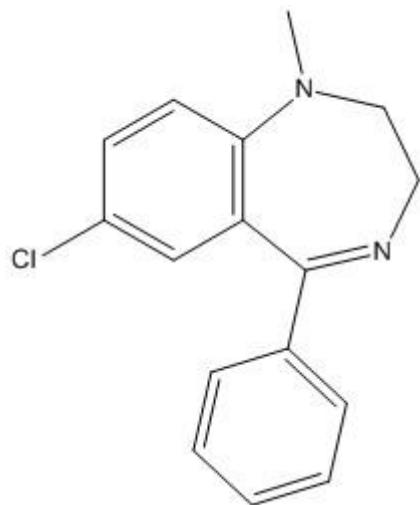
Lormetazepam



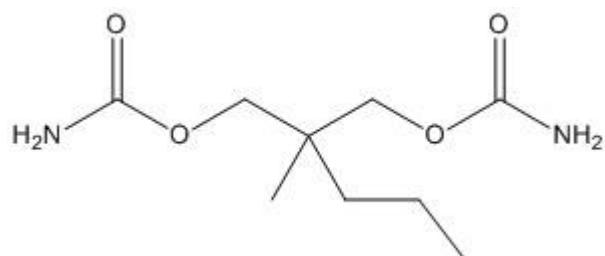
Mazindol (5-(4-chlorophenyl)-2,5-dihydro-3*H*-imidazo[2,1-a]-isoindol-5-ol)



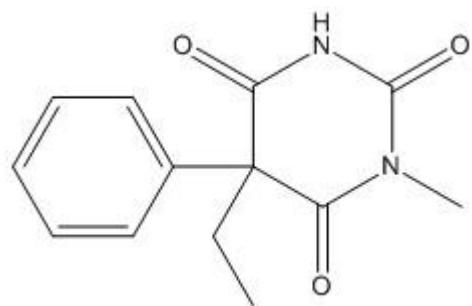
Medazepam



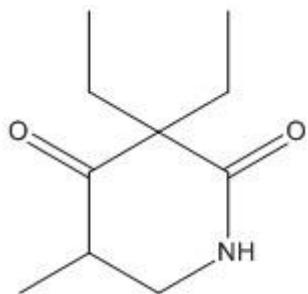
Meprobamate (2-methyl-2-propyl-1,3-propanediol dicarbamate)



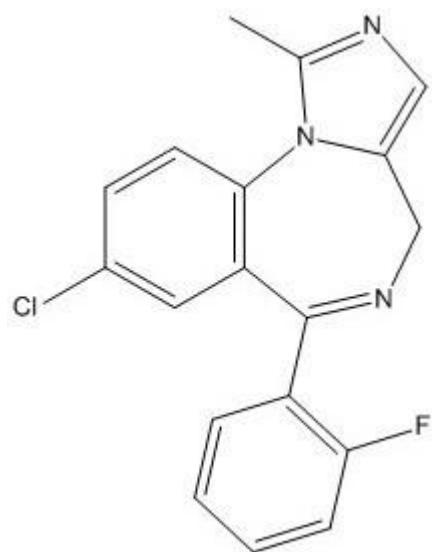
Methylphenobarbital (5-ethyl-1-methyl-5-phenylbarbituric acid)



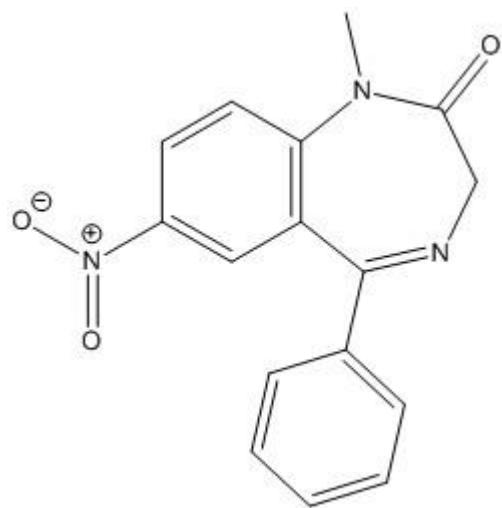
Methylprylon (3,3-diethyl-5-methylpiperidine-2,4-dione)



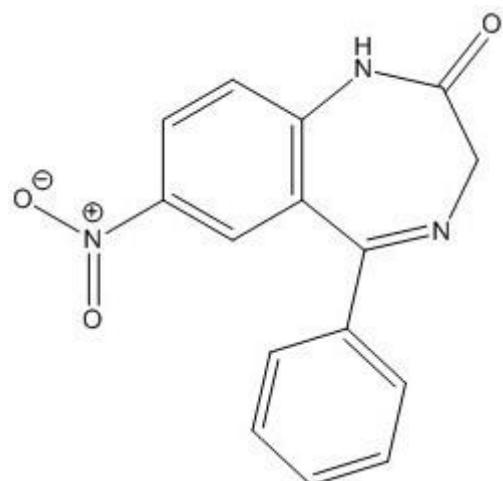
Midazolam



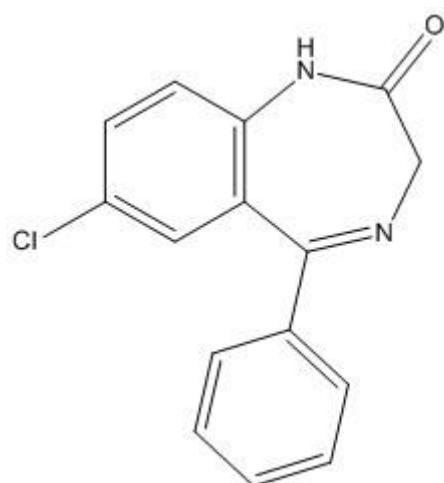
Nimetazepam



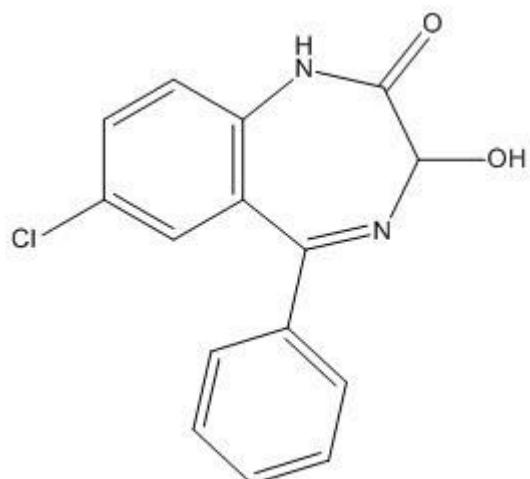
Nitrazepam



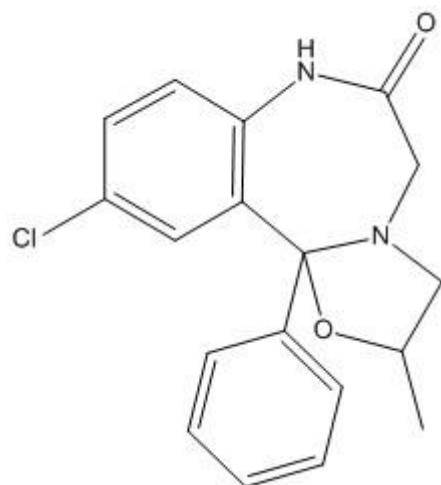
Nordazepam



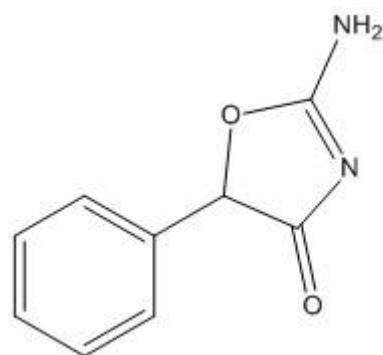
Oxazepam



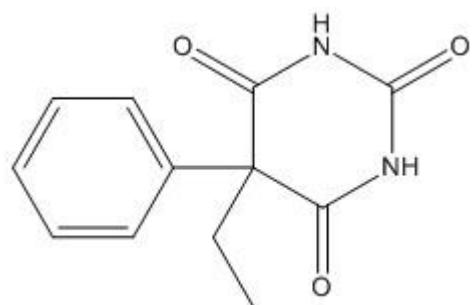
Oxazolam



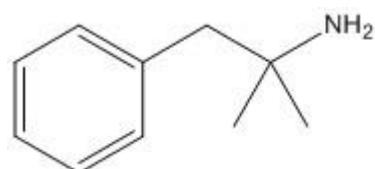
Pemoline



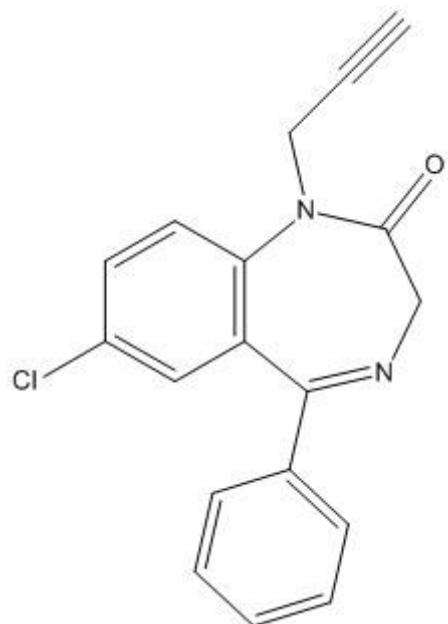
Phenobarbital (5-ethyl-5-phenylbarbituric acid)



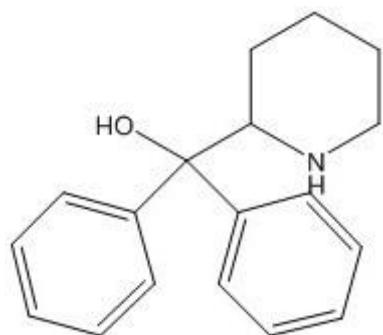
Phentermine (2-amino-2-methyl-1-phenylpropane)



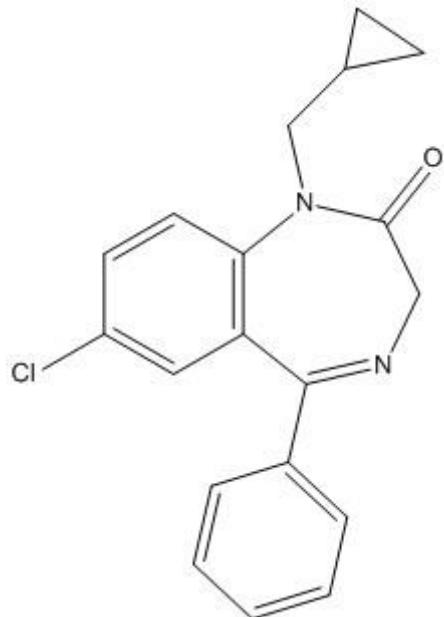
Pinazepam



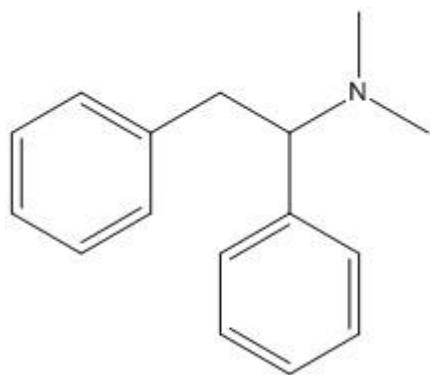
Pipradrol (1,1-diphenyl-1-(2-piperidyl)methanol)



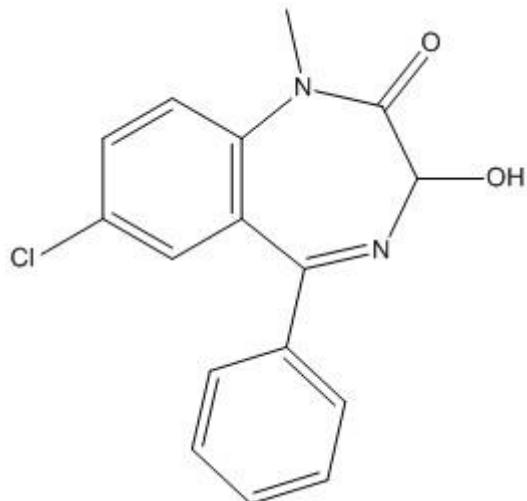
Prazepam



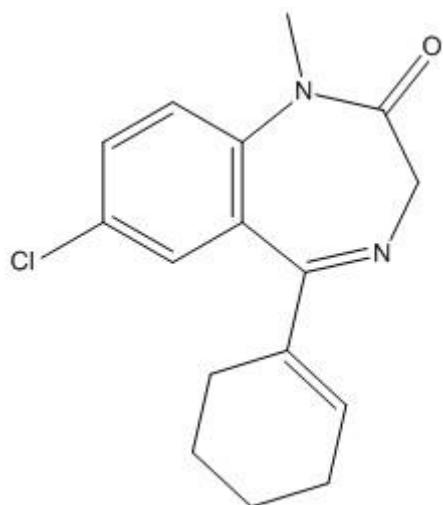
SPA ((-)-1-dimethylamino-1,2-diphenylethane)



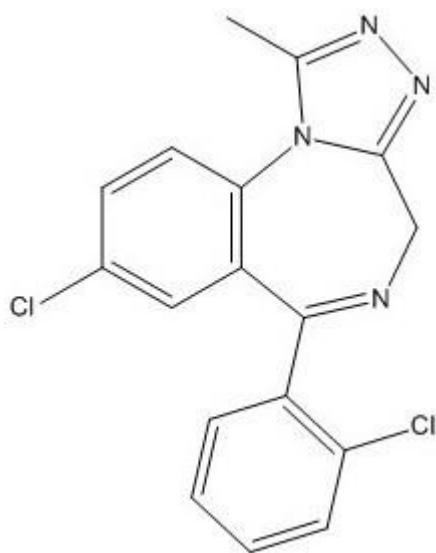
Temazepam



Tetrazepam

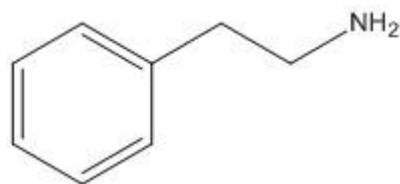


Triazolam

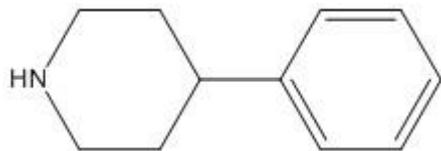


Part 7

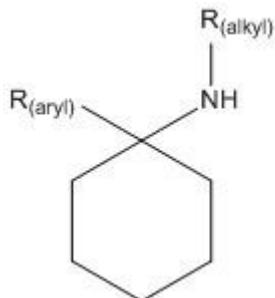
Amphetamine analogues (1-amino-2-phenylethane nucleus)



Pethidine analogues (4-phenylpiperidine nucleus)

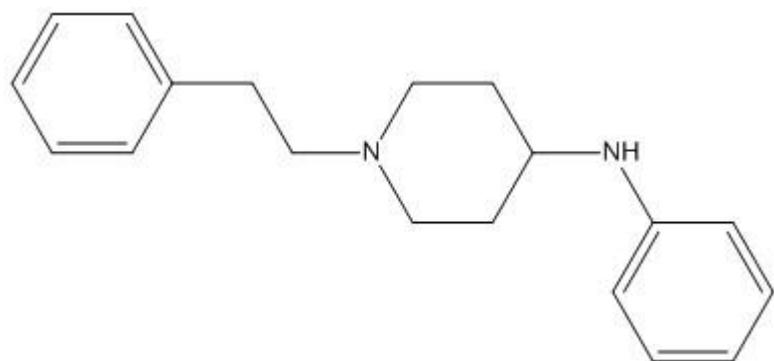


Phencyclidine analogues (1-alkylamino-1-arylcyclohexane nucleus)

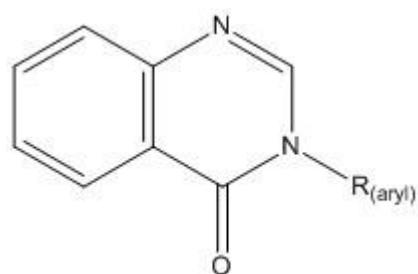


Schedule 3 – Class C

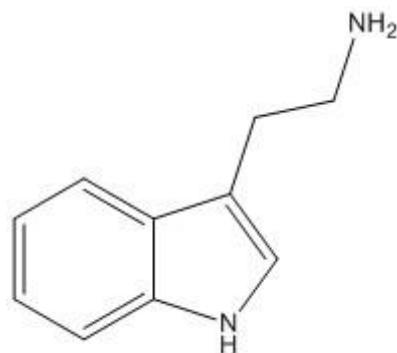
Fentanyl analogues (*N*-[1-(2-phenethyl)-4-piperidyl]aniline nucleus)



Methaqualone analogues (3-arylquinazolin-4-one nucleus)



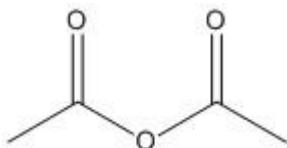
DMT (dimethyltryptamine) analogues (3-(2-aminoethyl)indole nucleus)



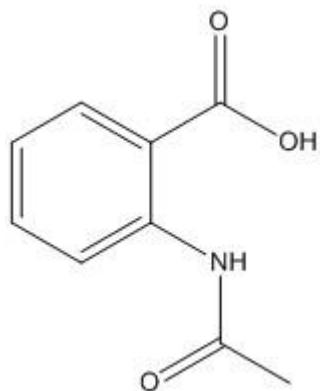
Schedule 4 – Precursor substances

Part 1

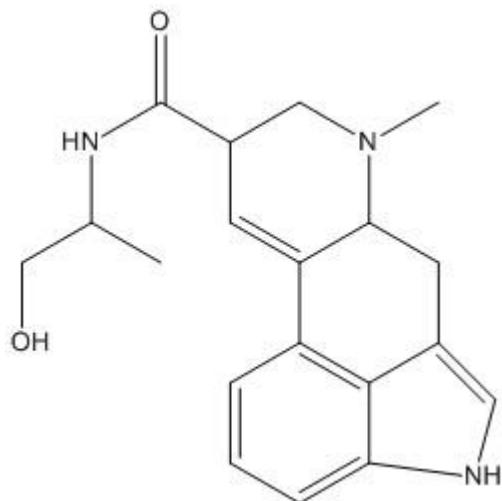
Acetic anhydride



***N*-acetylanthranilic acid**

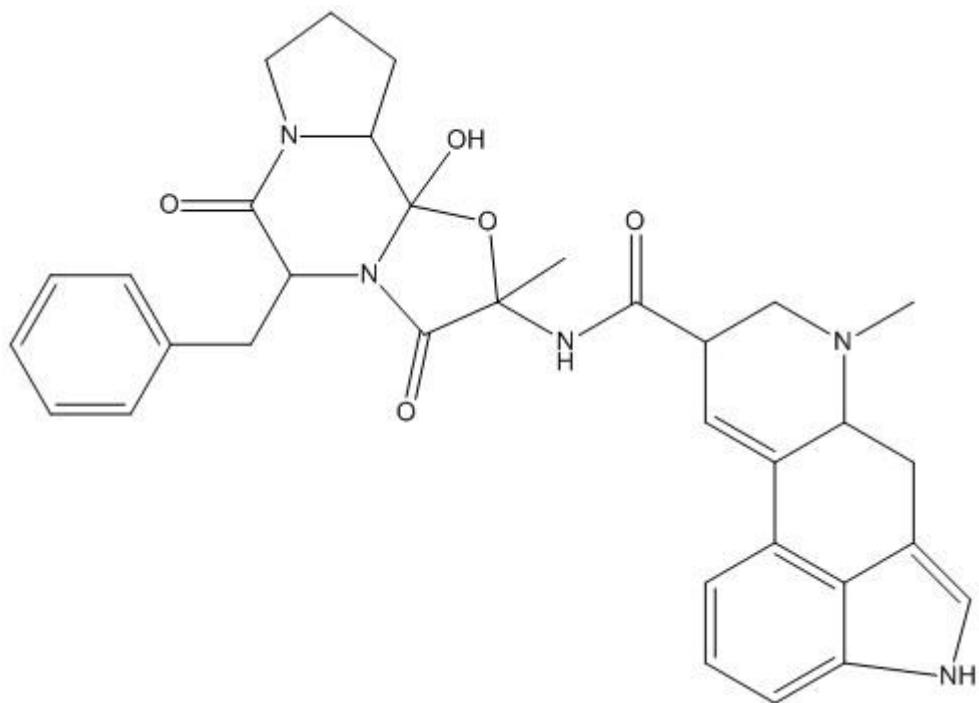


Ergometrine



Schedule 4 – Precursor substances

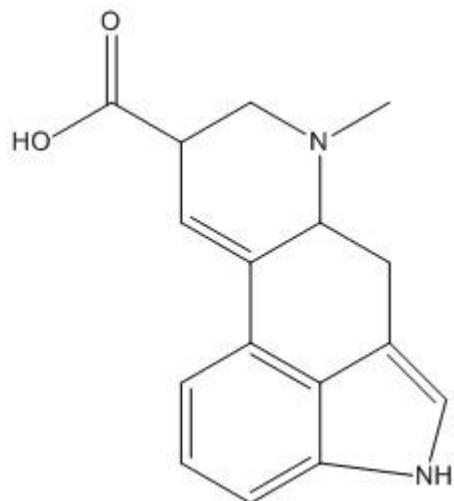
Ergotamine



Isosafrole

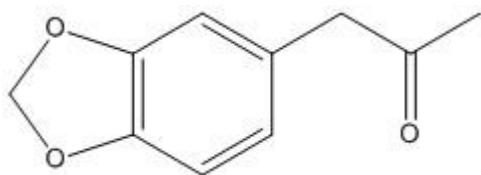


Lysergic acid

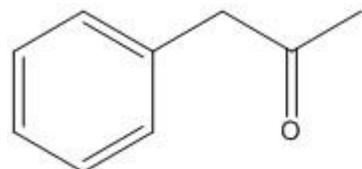


Schedule 4 – Precursor substances

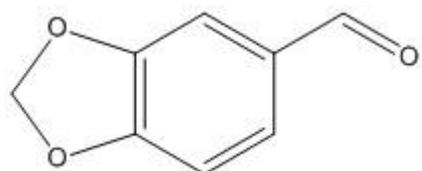
3,4-methylenedioxypyhenyl-2-propanone



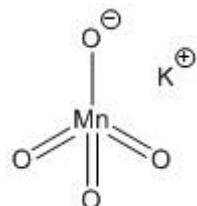
1-phenyl-2-propanone



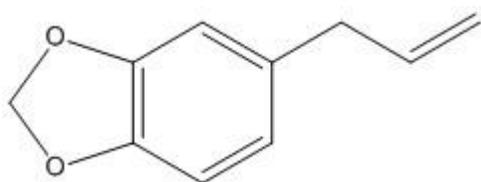
Piperonal



Potassium permanganate



Safrole

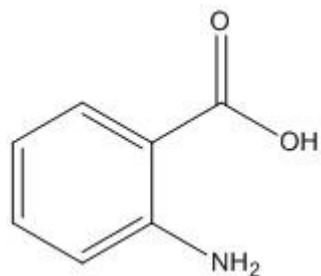


Part 2

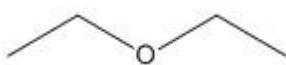
Acetone



Anthranilic acid



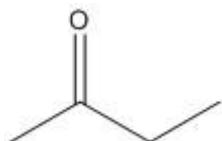
Ethyl ether



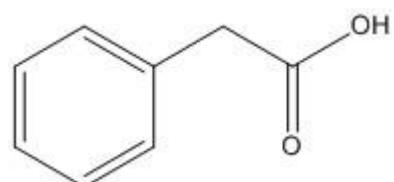
Hydrochloric acid



Methyl ethyl ketone

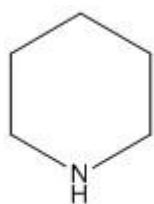


Phenylacetic acid

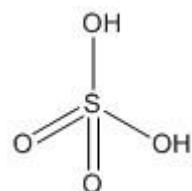


Schedule 4 – Precursor substances

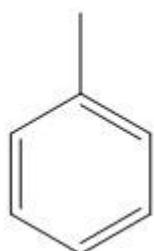
Piperidine



Sulphuric acid

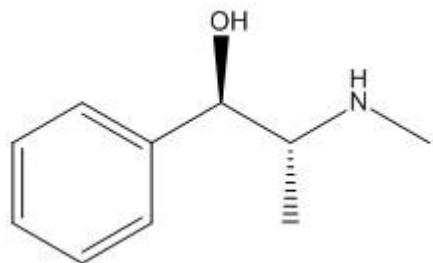


Toluene

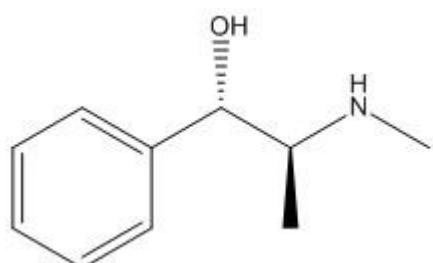


Part 3

Ephedrine

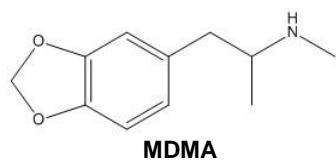
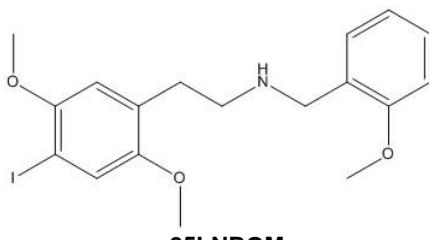
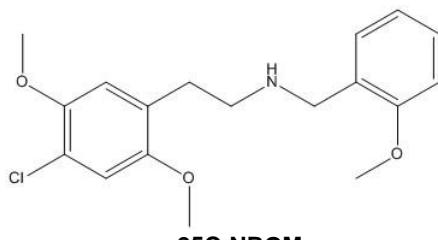
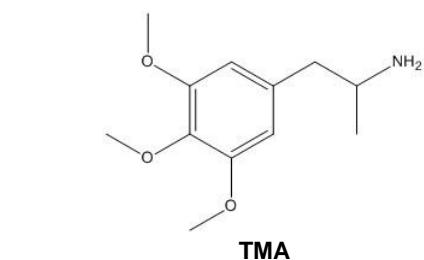
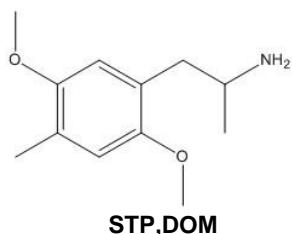
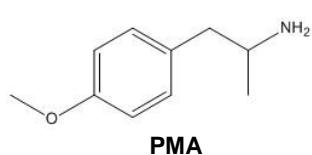
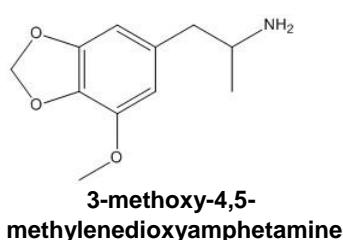
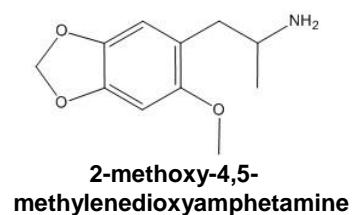
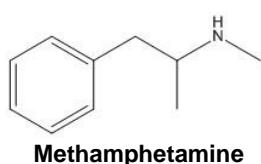
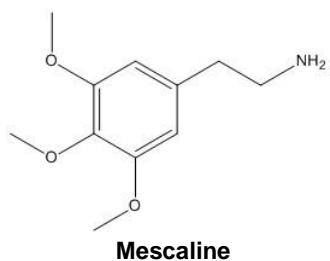
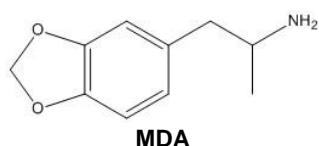
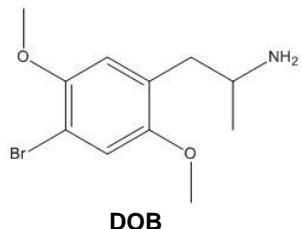
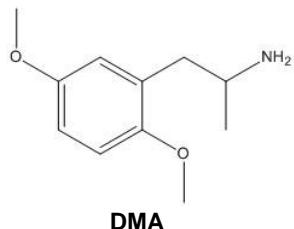


Pseudoephedrine

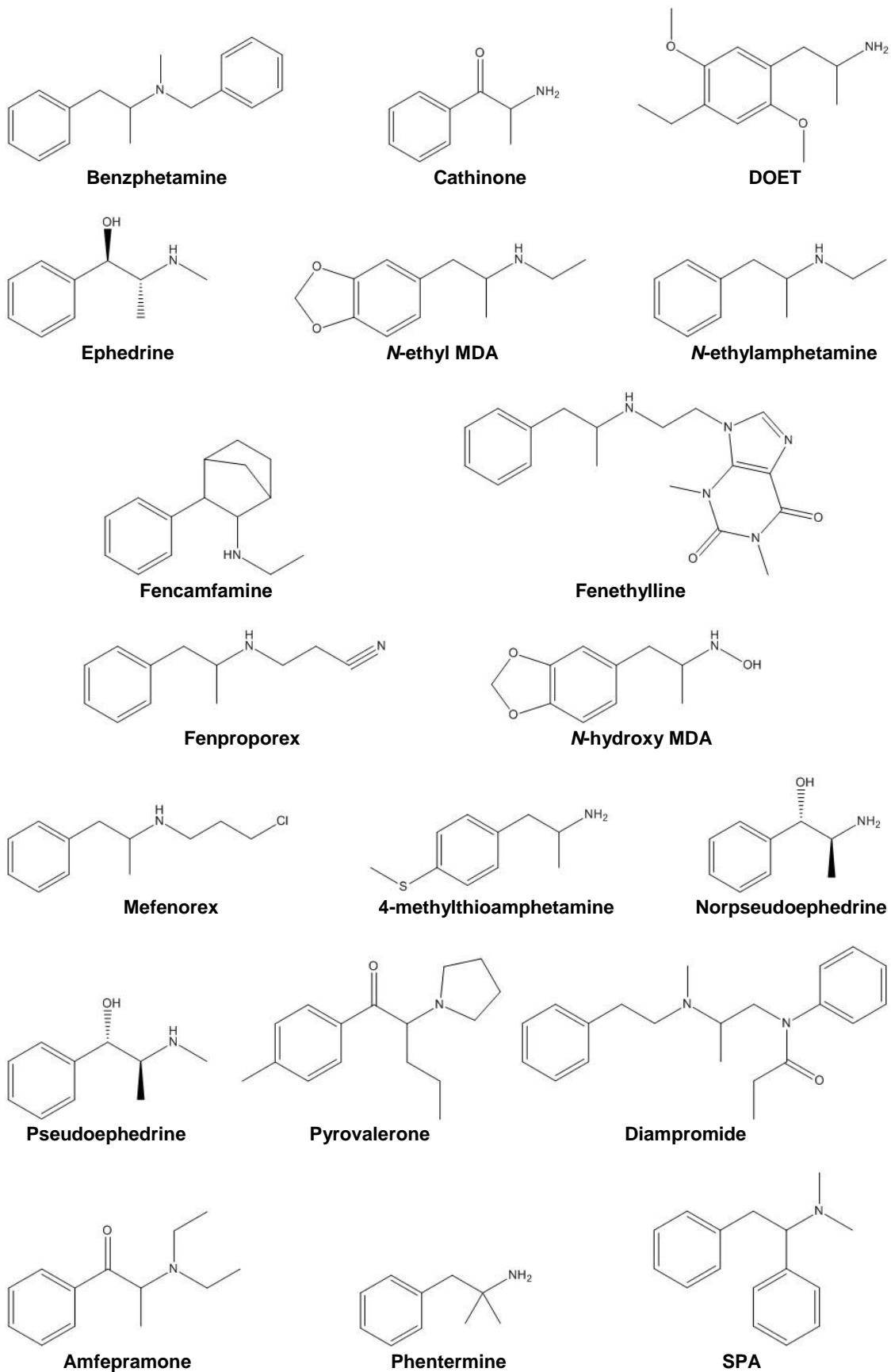


Appendix 1

Controlled drugs with amphetamine analogue nuclei

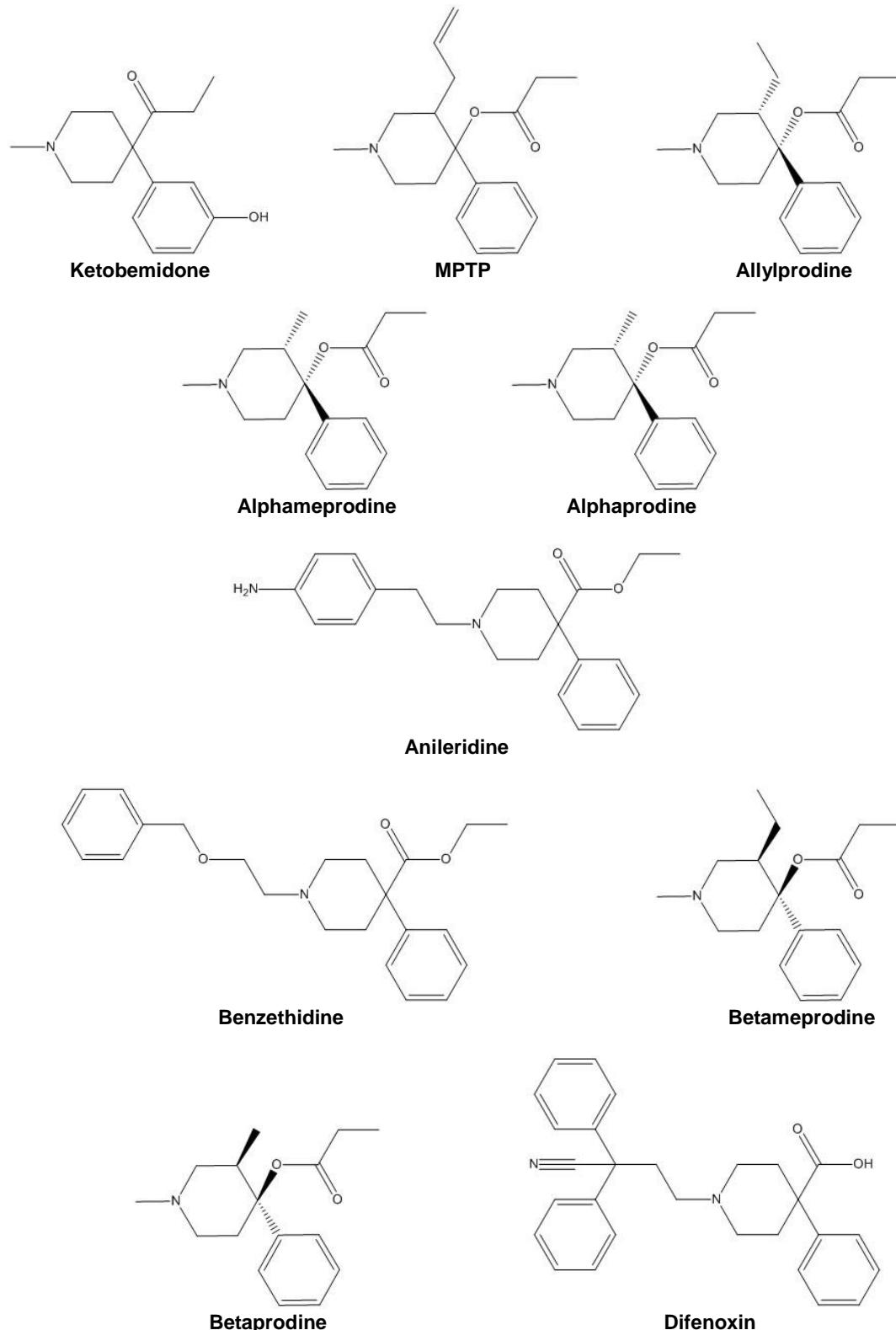


Appendix 1 – amphetamine analogue nuclei

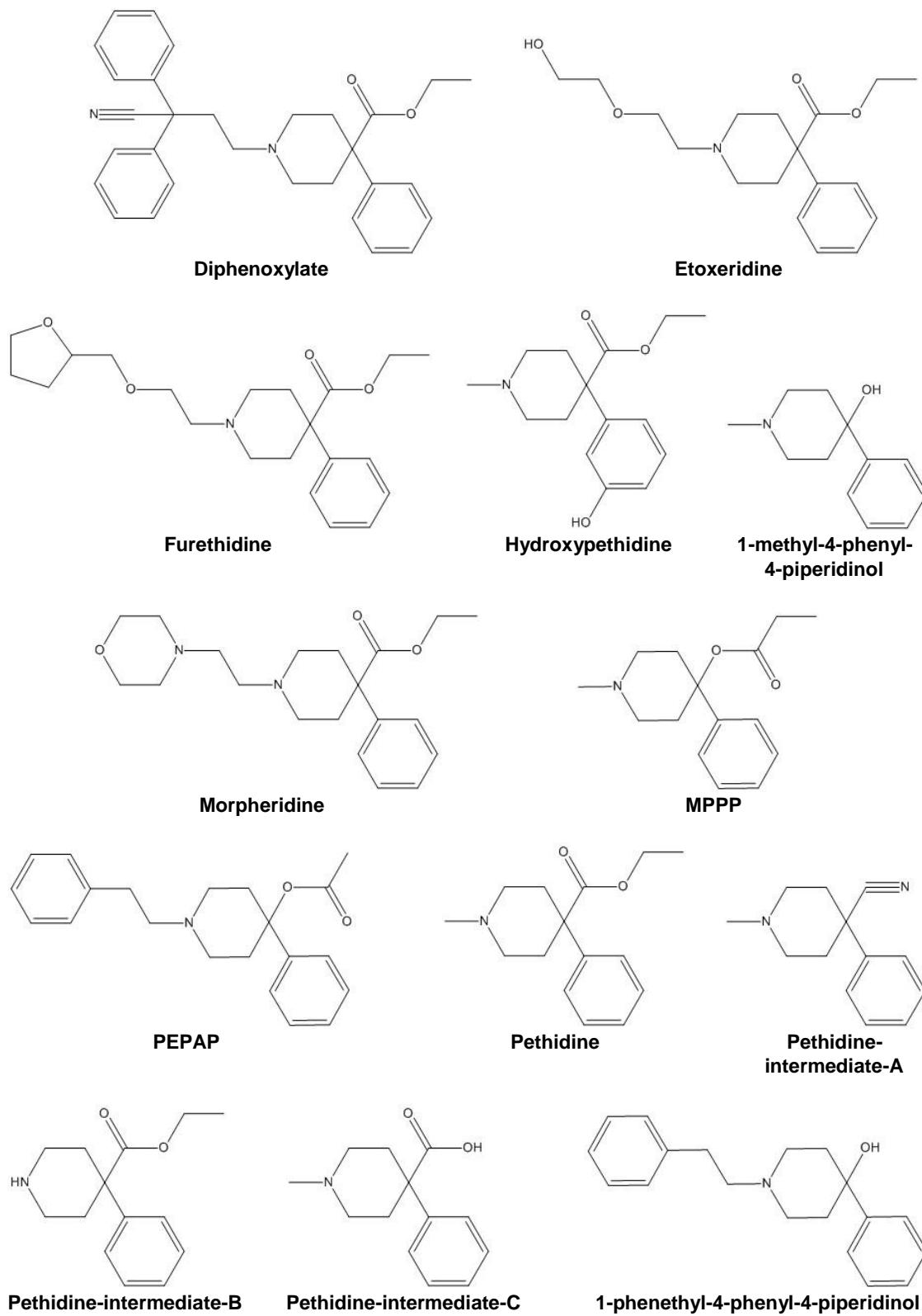


Appendix 2

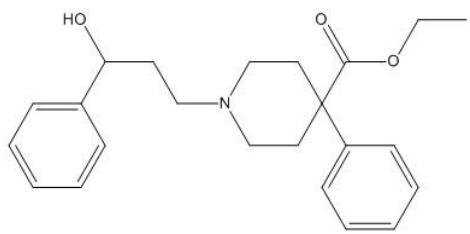
Controlled drugs with pethidine analogue nuclei



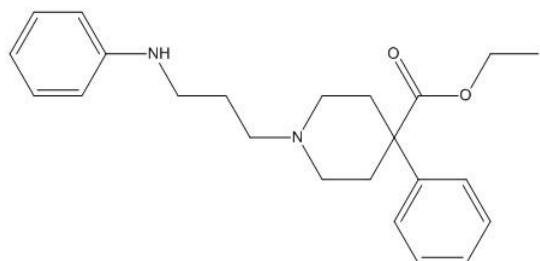
Appendix 2 – pethidine analogue nuclei



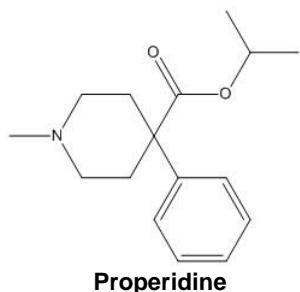
Appendix 2 – pethidine analogue nuclei



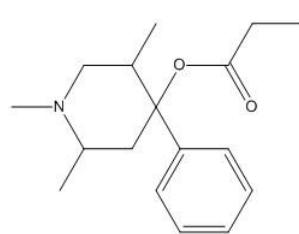
Phenoperidine



Piminodine



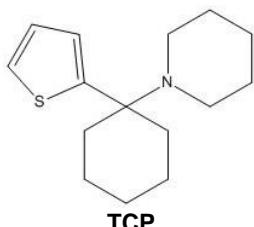
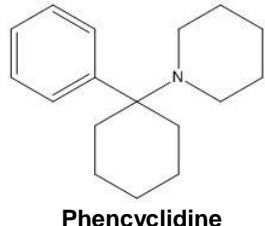
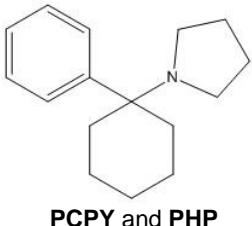
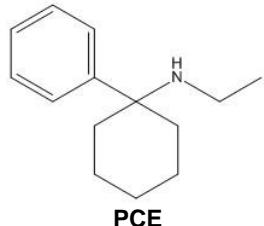
Properidine



Trimeperidine

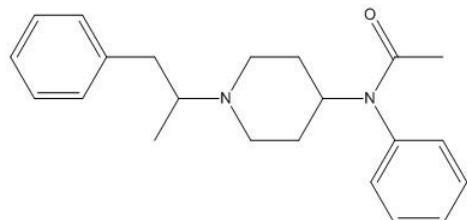
Appendix 3

Controlled drugs with phencyclidine analogue nuclei

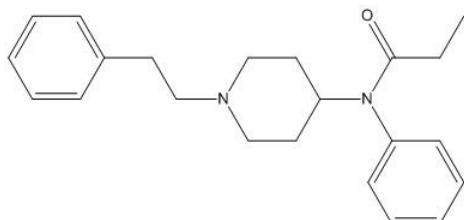


Appendix 4

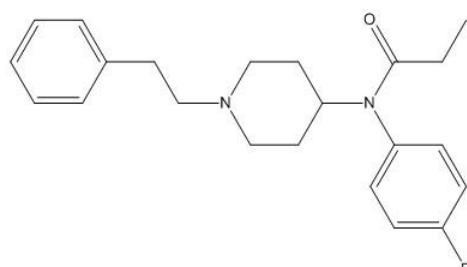
Controlled drugs with fentanyl analogue nuclei



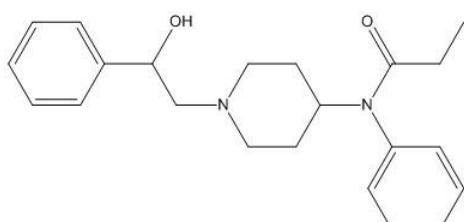
Acetyl- α -methylfentanyl



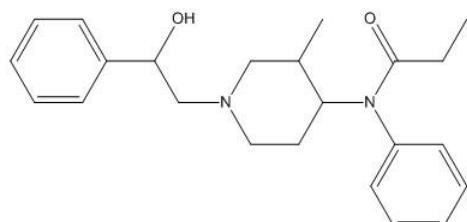
Fentanyl



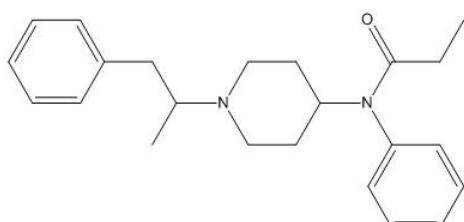
p-fluorofentanyl



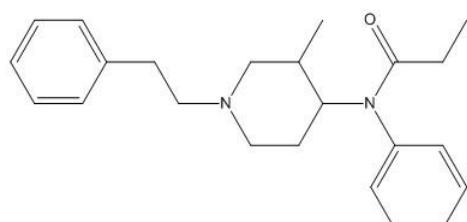
β -hydroxyfentanyl



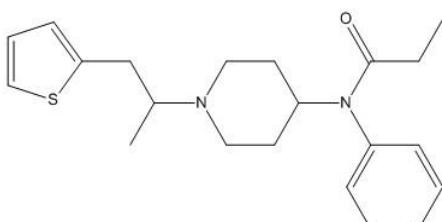
β -hydroxy-3-methylfentanyl



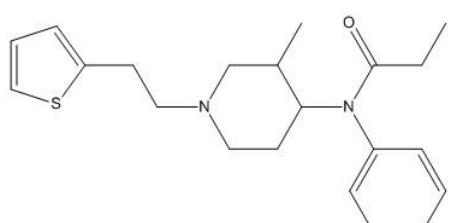
α -methylfentanyl



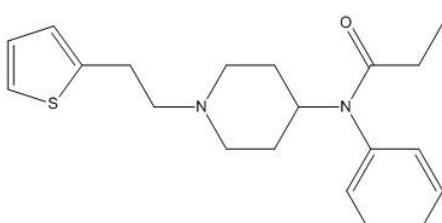
3-methylfentanyl



α -methylthiofentanyl



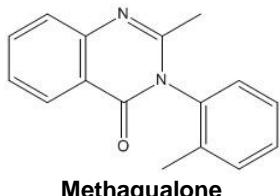
3-methylthiofentanyl



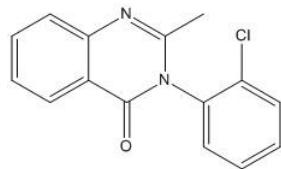
Thiofentanyl

Appendix 5

Controlled drugs with methaqualone analogue nuclei



Methaqualone



Mecloqualone

Appendix 6

Controlled drugs with DMT analogue nuclei

