



HORSERACING INTEGRITY
AND SAFETY AUTHORITY

HISA Prohibited Substances List

Banned Substances



| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---|-----------------------------------|--|
| S1 | Δ -1-androstene-3, 17diol | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | Δ -1-androstene-3, 17dione | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | Δ -1-dihydrotestosterone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | 19-Norandrostenediol | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | 19-Norandrostenedione | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | 19-Noretiocholanolone | Anabolic | Lacks FDA approval. |
| S1 | 1-androstenediol (5 α androst-1-ene-3 β , 17 β diol) | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | 1-androstenedione (5 α androst-1-ene-3, 17dione) | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | 1-testosterone (17 β hydroxy-5 α - androst-1en-3-one) | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S0 | 2-Aminoheptane (Tuaminoheptane) | Sympathomimetic / Vasoconstrictor | Lacks FDA approval |
| S4 | 2-androstenol(5 α -androstane-2-en-17-ol) | Pheromone / Reproductive Hormone | Lacks FDA approval |
| S4 | 2-androstenone (5 α -androst-2-en-17-one) | Pheromone / Reproductive Hormone | Lacks FDA approval |
| S0 | 3,4-methylenedioxypropylone (MDVP) | Stimulant | Lacks FDA approval |
| S4 | 3-androstenol (5 α -androst-3-en-17-ol) | Pheromone / Reproductive Hormone | Lacks FDA approval |
| S4 | 3-androstenone (5 α -androst-3-en-17-one) | Pheromone / Reproductive Hormone | Lacks FDA approval |

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|-------------------------------|--|---------------------|--|
| S4 | 4-androstenediol (androst-4-ene- 3 β ,17 β diol) | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S4 | 4-chloromethatandienone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | 4-Hydroxytestosterone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S4 | 5-androstenedione (androst-5- ene- 3,17dione) | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | 5 α -Andros-2-ene-17one | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | 5 α -Androstane-3 α , 17 α -diol | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | 5 α -Androstane-3 α , 17 β -diol | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | 5 α -Androstane-3 β , 17 α -diol | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | 5 α -Androstane-3 β , 17 β -diol | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | 5 β -androstane-3 α , 17 β diol, androst-4-ene3 α ,17 α -diol | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | 7-keto-dhea | Anabolic | |
| S1 | 7 α -hydroxy-dhea | Anabolic | |
| S1 | 7 β -hydroxy-dhea | Anabolic | |
| S5 | Acebutolol | Antihypertensive | Generic |
| S0 | Acecarbromal | Sedative / Hypnotic | Lacks FDA approval |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|------------------------------|--|
| S0 | Acefylline | Bronchodilator | Lacks FDA approval |
| S0 | Acemetacin | NSAID | Lacks FDA approval |
| S0 | Acenocoumarol | Anticoagulant | Lacks FDA approval |
| S0 | Acetanilide | NSAID | Lacks FDA approval |
| S5 | Acetazolamide | Carbonic Anhydrase Inhibitor | Generic |
| S0 | Acetohexamide | Insulin secretion | Discontinued, no FDA-approved product commercially available |
| S0 | Acetophenazine | Antipsychotic | Discontinued, no FDA-approved product commercially available |
| S0 | Acetophenetidin (Phenacetin) | NSAID | Lacks FDA approval |
| S0 | Acetylmorphine | Opioid analgesic | Lacks FDA approval |
| S0 | Aclidinium bromide | Bronchodilator | Tudorza Pressair; Dualkir Pressair (with formoterol) |
| S0 | Adinazolam | Sedative / Anxiolytic | Lacks FDA approval |
| S0 | Adiphenine | Antispasmodic | Lacks FDA approval |
| S0 | Adrafinil | Stimulant | Lacks FDA approval |
| S4 | AICAR (5-Aminoimidazole-4-carboxamide ribonucleotide) | Metabolic modulator | Lacks FDA approval |

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| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|--------------------------------------|--|
| S0 | Alclofenac | NSAID | Lacks FDA approval |
| S0 | Alcuronium | Muscle relaxant | Lacks FDA approval |
| S5 | Aldosterone | Diuretic | Lacks FDA approval |
| S6 | Alendronate | Bisphosphonate | Fosamax, Binosto |
| S2 | Alexamorelin | Growth Hormone | Lacks FDA approval |
| S0 | Almotriptan | Selective Serotonin Receptor Agonist | Generic |
| S0 | Alpha- pyrrolidinovalerophenone (Alpha PVP and “Bath Salts”) | Stimulant /Hallucinogen | Lacks FDA approval. DEA Schedule I. |
| S2 | Alpha-casozepine | Sedative | Lacks FDA approval |
| S0 | Alphadolone (Alfadolone) acetate | Anesthetic | Lacks FDA approval |
| S0 | Alphaprodine | Opioid analgesic | Lacks FDA approval. DEA Schedule II. |
| S0 | Alphenal | Barbiturate / Anticonvulsant | Lacks FDA approval |
| S0 | Alpidem | Anxiolytic | Lacks FDA approval |
| S0 | Alprenolol | Antihypertensive | Generic |
| S0 | Althesin | Anesthetic | Lacks FDA approval |
| S5 | Althiazide | Diuretic | Lacks FDA approval |

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| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|-------------------------------------|--|
| S6 | Altrenogest Intact males, geldings, spayed females | Progestogen / Estrus Suppression | Regumate |
| S0 | Alverine | Antispasmodic | Lacks FDA approval |
| S0 | Amantadine | Dopamine agonist | Gocovri, Osmolex ER |
| S0 | Ambenonium | Cholinesterase Inhibitor | Discontinued, no FDA-approved product commercially available |
| S0 | Ambroxol | Mucolytic | Lacks FDA approval |
| S0 | Ambucetamide | Antispasmodic | Lacks FDA approval |
| S0 | Amfepramone | Antidepressant | Lacks FDA approval |
| S0 | Amfetaminil | Stimulant | Lacks FDA approval |
| S0 | Amidephrine | Stimulant | Lacks FDA approval |
| S5 | Amiloride | Diuretic | Midamor |
| S0 | Amineptine | Antidepressant | Lacks FDA approval |
| S4 | Aminoglutethimide | Aromatase inhibitor | Discontinued, no FDA-approved product commercially available |
| S0 | Aminomethylbenzoic acid | Anti-fibrinolytic | Lacks FDA approval |
| S0 | Aminometradine | Diuretic | Lacks FDA approval |
| S0 | Aminopterin | Anti-neoplastic / Immunosuppressive | Lacks FDA approval |
| S0 | Aminopyrine (Pyramidon) | Analgesic | Lacks FDA approval |
| S0 (x) | Aminorex | Stimulant | Lacks FDA approval. DEA Schedule I. |

¹ - SPECIFIED SUBCLASSIFICATION
Specified substances designated with an X

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|-------------------|----------------------------------|--|
| S0 | Amiphenazole | Respiratory Stimulant | Lacks FDA approval |
| S5 | Amisometradine | Diuretic | Lacks FDA approval |
| S0 | Amisulpride | Antipsychotic | Barhemsys |
| S5 | Amlodipine | Antihypertensive | Norvasc |
| S0 | Ammonium Chloride | Chemical neurectomy | Generic |
| S0 | Ammonium Sulphate | Chemical neurectomy | Lacks FDA approval |
| S0 | Ammonium Sulphide | Chemical neurectomy | Lacks FDA approval |
| S0 | Amobarbital | Bartiburate / Anticonvulsant | Lacks FDA approval. DEA Schedule II. |
| S0 | Amoxapine | Antidepressant | Generic |
| S0 | Amperozide | Antipsychotic | Lacks FDA approval |
| S0 | Amphetamine | Stimulant | Adzenys XR-ODT, Dyanavel XR, Evekeo. DEA Schedule II. |
| S0 | Amphetaminil | Stimulant | Lacks FDA approval |
| S0 | Ampyrone | NSAID | Lacks FDA approval |
| S0 | Amyl nitrite | Antihypertensive/ CNS Depressant | Lacks FDA approval |
| S0 | Amylocaine | Local anesthetic | Lacks FDA approval |
| S2 | Anamorelin | Growth Hormone | New Drug Application submitted; currently lacks FDA approval |
| S4 | Anastrozole | Anti-estrogen | Arimidex |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---|--|--|
| S1 | Andarine | Selective Androgen Receptor Modulator (SARM) | Lacks FDA approval |
| S1 | Androst-4-ene-3 α ,17 β diol | Anabolic | DEA Schedule III. |
| S1 | Androst-4-ene-3 β ,17 α diol | Anabolic | DEA Schedule III. |
| S1 | Androst-5-ene-3 α ,17 α diol | Anabolic | DEA Schedule III. |
| S1 | Androst-5-ene-3 α ,17 β diol | Anabolic | DEA Schedule III. |
| S1 | Androst-5-ene-3 β ,17 α diol | Anabolic | DEA Schedule III. |
| S4 | Androstatrienedione (Androsta-1,4,6-triene-3,17-ddione) | Anabolic | DEA Schedule III. |
| S4 | Androstenediol (androst-5-ene-3 β , 17 β diol) | Anabolic | DEA Schedule III. |
| S4 | Androstenedione (androst-4-ene-3, 17dione) | Anabolic | DEA Schedule III. |
| S4 | Androsterone (3 β hydroxy-5 α - androstan-17-one) | Anabolic | DEA Schedule III. |
| S0 | Anileridine | Opioid analgesic | Discontinued, no FDA-approved product commercially available. DEA Schedule II. |
| S0 | Anilopam | Opioid analgesic | Lacks FDA approval |
| S0 | Anisindione | Anticoagulant | Discontinued, no FDA-approved product commercially available |
| S0 | Anisotropine (Octatropine methylbromide) | Anticholinergic | Discontinued, no FDA-approved product commercially available |

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|-------------------------------|---|-------------------------------------|--|
| S0 | Antipyrine | NSAID | Lacks FDA approval |
| S0 | Apazone (Azapropazone) | NSAID | Lacks FDA approval |
| S0 | Apocodeine | Dopamine agonist | Lacks FDA approval |
| S0 | Apomorphine | Opioid analgesic | Kynmobi, Apokyn |
| S0 | Aprindine | Antiarrhythmic | Lacks FDA approval |
| S0 | Aprobarbital | Barbiturate | Lacks FDA approval. DEA Schedule III. |
| S0 | Apronalide | Sedative / Hypnotic | Lacks FDA approval |
| S2 | ARA-290 | Erythropoiesis | FDA Orphan Drug status |
| S0 | Arecoline | Stimulant | Lacks FDA approval |
| S3 | Arformoterol | Beta-2 agonist-bronchodilator | Brovana |
| S2 | Argon | Hypoxia Inducible Factor activating | |
| S4 | Arimistane (Anrosta-3,5-diene-7,17-dione) | Anabolic | Lacks FDA approval |
| S2 | Asialo EPO | Erythropoiesis | |
| S0 | Atenolol | Antihypertensive | Tenormin |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--------------------------|--|--|
| S0 | Atomoxetine | Stimulant | Strattera |
| S0 | Azacylonol (γ-pipradrol) | CNS depressant | Lacks FDA approval |
| S0 | Azaperone | Sedative | Stresnil |
| S0 | Azapetine | Vasodilator | Lacks FDA approval |
| S0 | Azapropazone | NSAID | Lacks FDA approval |
| S0 | Azathioprine | Immunosuppressor | Imuran |
| S0 | Azatidine (Azatadine) | Antihistamine | Discontinued, no FDA-approved product commercially available |
| S5 | Azosemide | Diuretic | Lacks FDA approval |
| S0 | Bambuterol | Beta-2 agonist-bronchodilator | Lacks FDA approval |
| S0 | Bamifylline | Bronchodilator | Lacks FDA approval |
| S0 | Barbital (Barbitone) | Sedative / Hypnotic | Lacks FDA approval. DEA Schedule IV. |
| S4 | Bazedoxifene | Selective Estrogen Receptor Modulator (SERM) | FDA-approved in combination with Premarin as Duavee |
| S0 | Beclamide | Anticonvulsant | Lacks FDA approval |
| S0 | Bemegrade | Stimulant | Lacks FDA approval |

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| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---------------------|-----------------------------|--|
| S0 | Benactyzine | Anticholinergic | Lacks FDA approval |
| S0 | Benapryzine | Anticholinergic | Lacks FDA approval |
| S0 | Benazepril | Antihypertensive | Lotensin, Lotrel (with amlodipine) |
| S5 | Bendroflumethiazide | Diuretic | Naturetin, Corzide |
| S0 | Benorilate | NSAID | Lacks FDA approval |
| S0 | Benoxaprofen | NSAID | Lacks FDA approval |
| S0 | Benperidol | Antipsychotic | Lacks FDA approval |
| S0 | Bentazepam | Anxiolytic | Lacks FDA approval |
| S0 | Benzoctamine | Sedative / Anxiolytic | Lacks FDA approval |
| S0 | Benzonatate | Antitussive | Tessalon |
| S0 | Benzphetamine | Stimulant | Generic DEA Schedule III. |
| S0 | Benzquinamide | Antipsychotic / Anti-emetic | Discontinued, no FDA-approved product commercially available |
| S0 | Benzthiazide | Diuretic | Discontinued, no FDA-approved product commercially available |
| S0 | Benzydamine | NSAID | Lacks FDA approval |

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| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|-------------------------------|--|
| S0 | Benzylpiperazine (BZP) | Stimulant | Lacks FDA approval |
| S0 | Bepridil | Antihypertensive | Lacks FDA approval |
| S0 | Betaprodine | Opioid analgesic | Lacks FDA approval. DEA Schedule I. |
| S0 | Betaxolol | Antihypertensive | Betoptic |
| S0 | Bethanidine (Betanidine) | Antihypertensive | Discontinued, no FDA-approved product commercially available |
| S4 | Bimagrumab | Anabolic | Lacks FDA approval (Orphan drug designation withdrawn) |
| S0 | Biperiden | Anticholinergic | Discontinued, no FDA-approved product commercially available |
| S0 | Biphenamine | Local anesthetic | Lacks FDA approval |
| S0 | Biprsoprolol | Antihypertensive | Ziac [with hydrochlorothiazide] |
| S0 | Biriperone (Centbutindole) | Antipsychotic | Lacks FDA approval |
| S0 | Bitolterol | Beta-2 agonist-bronchodilator | Discontinued, no FDA-approved product commercially available |
| S1 | Bolandiol (estr-4-ene3 β , 17 β -diol) | Anabolic | Lacks FDA approval |
| S1 | Bolasterone (7 α , 17 α -dimethyltestosterone) | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | *Boldenone | Anabolic | Equipose DEA Schedule III. |

*Threshold: 0.015 mcg free and conjugated boldenone per mL in urine in male horses (other than geldings)

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| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---------------------|-----------------------------|--|
| S1 | Boldione | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S6 | Botulinum toxin | Neurotoxin | Botox, Dysport, Jeuveau |
| S0 | Brallobarbital | Barbiturate | Lacks FDA approval |
| S0 | Brimonidine | Antihypertensive | Alphagan P, Qoliana, Lumify |
| S0 | Bromantan | Psychostimulant | Lacks FDA approval |
| S0 | Bromazepam | Anxiolytic | Lacks FDA approval. DEA Schedule IV. |
| S0 | Bromhexine | Mucolytic | Lacks FDA approval |
| S0 | Bromisovalum | Sedative / Hypnotic | Lacks FDA approval |
| S0 | Bromocriptine | Anticholinergic | Parlodel, Cycloset |
| S0 | Bromophenethylamine | Psychedelic | Lacks FDA approval |
| S0 | Bromperidol | Antipsychotic | Lacks FDA approval |
| S0 | Brotizolam | Sedative / Hypnotic | Lacks FDA approval |
| S0 | Bucetin | NSAID | Lacks FDA approval |
| S0 | Buclizine | Antihistamine / Anti-emetic | Discontinued, no FDA-approved product commercially available |
| S0 | Bufexamac | NSAID | Lacks FDA approval |
| S0 | Buflomedil | Vasodilator | Lacks FDA approval |
| S0(x) | *Bufotenine | Hallucinogen | Lacks FDA approval. DEA Schedule I. |

*Screening Limit: 10 mcg/mL Total (free and conjugated) in urine

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|------------------------------------|--------------------------------|---|
| S5 | Bumetanide | Diuretic | Bumex |
| S0 | Bunitrolol | Vasodilator | Lacks FDA approval |
| S0 | Bunolol | Antihypertensive | Betagan |
| S0 | Buphenine (Nylidrin) | Vasodilator | Lacks FDA approval |
| S0 | Bupranolol | Antihypertensive | Lacks FDA approval |
| S0 | Bupropion | Antidepressant | Wellbutrin, Zyban |
| S4 | Buserelin | Gonadotropin Releasing Hormone | Lacks FDA approval |
| S0 | Butabarbital (Secbutobarbitone) | Barbiturate | Discontinued, no FDA-approved product commercially available. DEA Schedule III. |
| S0 | Butacaine | Local anesthetic | Lacks FDA approval |
| S0 | Butalbital (Talbutal) | Barbiturate | Esgic, Fioricet DEA Schedule III. |
| S0 | Butanilcaine | Local anesthetic | Lacks FDA approval |
| S0 | Butaperazine | Antipsychotic | Lacks FDA approval |
| S0 | Butoctamide | Serotonin release | Lacks FDA approval |
| S0 | Butofilolol | Antihypertensive | Lacks FDA approval |
| S0 | Butoxycaine | Local anesthetic | Lacks FDA approval |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---|-------------------|--|
| S0 | Cafedrine | Cardiac stimulant | Lacks FDA approval |
| S0 | Calcium dobesilate | Vasoprotective | Lacks FDA approval |
| S1 | Calusterone (Methosarb, Riedemil, NSC-88536, U-22550) | Anabolic | Lacks FDA approval. (NSC-88536, U-22550) DEA Schedule III. |
| S0 | Camazepam | Anxiolytic | Lacks FDA approval. DEA Schedule IV. |
| S0 | Candesartan | Antihypertensive | Atacand |
| S0(x) | Cannabinoids (natural, synthetic and other cannabimimetics) | Psychotropic | Lack FDA approval |
| S5 | Canrenone | Diuretic | Lacks FDA approval |
| S1 | Capromorelin | Anabolic | Entyce, Elura |
| S0 | Captodiamine (Captodiamine) | Antihistamine | Lacks FDA approval |
| S0 | Captopril | Antihypertensive | Generic |
| S0 | Caramiphen | Anticholinergic | Lacks FDA approval |
| S0 | Carazolol | Antihypertensive | Lacks FDA approval |
| S2 | Carbamylated EPO (CEPO) | Erythropoiesis | |
| S0 | Carbazochrome (Adrenochrome monosemicarbazone) | Hemostatic | Lacks FDA approval |

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|-------------------------------|------------------------------------|--|---|
| S0 | Carbetapentane (Pentoxyverine) | Antitussive | Lacks FDA approval |
| S0 | Carbidopa | Decarboxylase Inhibitor | Lodosyn, Stalevo, Rytary, Duopa, Dhivy, Sinemet (all with levodopa) |
| S0 | Carbimazole | Anti-hyperthyroidism | Lacks FDA approval |
| S0 | Carbocysteine | Mucolytic | Lacks FDA approval |
| S0 | Carbromal | Sedative / Hypnotic | Lacks FDA approval |
| S0 | Carbuterol | Beta-2 agonist-bronchodilator | Lacks FDA approval |
| S1 | Cardarine (GW-501, GW516, GSK-516) | Selective Androgen Receptor Modulator (SARM) | Lacks FDA approval |
| S0 | Carfentanil | Opioid analgesic | Lacks FDA approval. DEA Schedule II. |
| S0 | Carphedon | Psychostimulant | Lacks FDA approval |
| S0 | Carphenazine | Antipsychotic | Discontinued, no FDA-approved product commercially available |
| S0 | Carpipramine | Antipsychotic | Lacks FDA approval |
| S3 | Carteolol | Antihypertensive | Generic |
| S0 | Carvedilol | Antihypertensive | Coreg |
| S0 | Cathinone | Stimulant | Lacks FDA approval. DEA Schedule I. |
| S0 | Celiprolol | Antihypertensive | Lacks FDA approval |

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|-------------------------------|---------------------------------|------------------------|--|
| S0 | Cephaeline | Emetic, plant alkaloid | Lacks FDA approval |
| S0 | Chlomethiazole | Anticonvulsant | Lacks FDA approval |
| S0 | Chloral (Cloral) betaine | Sedative / Hypnotic | Lacks FDA approval. DEA Schedule IV. |
| S0 | Chloral hydrate | Sedative | Lacks FDA approval. DEA Schedule IV. |
| S0 | Chloralose (AlphaChloralose) | Anxiolytic | Lacks FDA approval |
| S0 | Chlorcyclizine | Antihistamine | Lacks FDA approval |
| S0 | Chlordiazepoxide | Anxiolytic | Librium, Librax (with Chlordiazepoxide Hydrochloride) DEA Schedule IV. |
| S0 | Chlormadinone acetate | Reproductive hormone | Lacks FDA approval |
| S0 | Chlormerodrin | Diuretic | Discontinued, no FDA-approved product commercially available |
| S0 | Chlormezanone | Muscle relaxant | Discontinued, no FDA-approved product commercially available |
| S0 | Chloroform | Anesthetic | Lacks FDA approval |
| S0 | Chlorophenylpiperazine | Psychoactive | Lacks FDA approval |
| S0 | Chloropyramine | Antihistamine | Lacks FDA approval |
| S5 | Chlorothiazide | Diuretic | Diuril |
| S0 | Chlorphenesin | Muscle relaxant | Discontinued, no FDA-approved product commercially available |

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| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|-------------------------------|--|
| S0 | Chlorphenoxamine | Antihistamine | Lacks FDA approval |
| S0 | Chlorphentermine | Stimulant | Discontinued, no FDA-approved product commercially available |
| S0 | Chlorproethazine | Muscle relaxant | Lacks FDA approval |
| S0 | Chlorpromazine | Sedative | Generic |
| S0 | Chlorpropamide | Hypoglycemic | Discontinued, no FDA-approved product commercially available |
| S0 | Chlorprothixene | Antipsychotic | Discontinued, no FDA-approved product commercially available |
| S5 | Chlorthalidone | Diuretic | Thalitone |
| S0 | Chlorthenoxazine | NSAID | Lacks FDA approval |
| S5 | Chlorthiazide (Chlorothiazide) | Diuretic | Diuril |
| S2 | Chorionic Gonadotropin (CG) Intact males and geldings | Reproductive hormone | Pregnyl |
| S0 | Cicloprofen | NSAID | Lacks FDA approval |
| S0 | Cilazapril | Antihypertensive | Lacks FDA approval |
| S0 | Cimaterol | Beta-2 agonist-bronchodilator | Lacks FDA approval |
| S3 | Cimbuterol | Beta-2 agonist-bronchodilator | Lacks FDA approval |
| S0 | Cinchocaine | Local anesthetic | Lacks FDA approval |
| S0 | Cinchophen | NSAID | Lacks FDA approval |

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| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|------------------------------------|-------------------------------|--|
| S0 | Cinnarizine | Antihistamine | Lacks FDA approval |
| S0 | Citalopram | Antidepressant | Celexa |
| S0 | Clanobutin | Cholorectic | Lacks FDA approval |
| S0 | Clemizole | Antihistamine | Lacks FDA approval |
| S3 | Clenpenterol | Beta-2 agonist-bronchodilator | Lacks FDA approval |
| S0 | Clibucaine | Local anesthetic | Lacks FDA approval |
| S0 | Clidinium | Anticholinergic | No FDA-approved product |
| S0 | Clobazam | Anxiolytic | Sympazan, Onfi DEA Schedule IV. |
| S0 | Clobenzorex | Stimulant | Lacks FDA approval |
| S6 | Clodronate (Clodronic acid) | Bisphosphonate | OsPhos |
| S5 | Clofenamid | Carbonic Anhydrase Inhibitor | Lacks FDA approval |
| S0 | Clomethiazole (Chlormethiazole) | Sedative / Hypnotic | Lacks FDA approval |
| S4 | Clomifene | Induce ovulation | Generic |
| S0 | Clomipramine | Antidepressant | Clomicalm |
| S0 | Clonazepam | Anxiolytic | Klonopin DEA Schedule IV. |
| S0 | Clonixin | NSAID | Lacks FDA approval |

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| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|------------------|---|
| S5 | Cloпамide | Diuretic | Lacks FDA approval |
| S0 | Cloranolol | Antihypertensive | Lacks FDA approval |
| S0 | Clorazepate | Anxiolytic | Lacks FDA approval. DEA Schedule IV. |
| S0 | Clormecaine | Local anesthetic | Lacks FDA approval |
| S0 | Clorprenaline | Bronchodilator | Lacks FDA approval |
| S1 | Clostebol | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S0 | Clotiapine | Antipsychotic | Lacks FDA approval |
| S0 | Clotiazepam | Anxiolytic | Lacks FDA approval |
| S0 | Cloxazolam | Anxiolytic | Lacks FDA approval. DEA Schedule IV. |
| S0 | Clozapine | Antipsychotic | Clozaril, Versacloz |
| S2 | CNTO 530 | Erythropoiesis | Lacks FDA approval |
| S2 | *Cobalt Salts (e.g., CoCl ₂) | Erythropoiesis | |
| S6 | Cobratoxin, alpha | Neurotoxin | Lacks FDA approval |
| S0 | Cocaine (metabolite: benzoyllecgonine) | Stimulant | Goprelto, Numbrino DEA Schedule II. |
| S0 | Codeine | Opioid analgesic | Generic (DEA Schedule II) or in combination with NSAIDs, caffeine and other drugs (DEA Schedule III). |

*Threshold: 0.1mcg/mL total Cobalt in urine OR 0.025 mcg/mL total (free and protein bound)/ mL in serum or plasma.

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---|--|--|
| S0 | Conorphone | Opioid analgesic | Lacks FDA approval |
| S2 | Corticorelin | Corticosteroid stimulation | Approved Orphan Drug |
| S0 | Cortivazol | Glucocorticoid | Lacks FDA approval |
| S0 | Cotinine (Cotinine is a metabolite of nicotine. If there is credible evidence that the presence of cotinine in a horse's sample is a consequence of nicotine exposure, the classification of cotinine may be revised to S7(A).) | Psychoactive / Anxiolytic | Lacks FDA approval |
| S0 | Cropropamide | Respiratory Stimulant | Lacks FDA approval |
| S0 | Crotethamide | Respiratory Stimulant | Lacks FDA approval |
| S0 | Cyamemazine | Antipsychotic | Lacks FDA approval |
| S0 | Cyclandelate | Vasodilator | Lacks FDA approval |
| S0 | Cyclizine | Antihistamine | Discontinued, no FDA-approved product commercially available |
| S0 | Cyclobarbitol | Barbiturate | Lacks FDA approval |
| S4 | Cyclofenil | Selective Estrogen Receptor Modulator (SERM) | Lacks FDA approval |
| S0 | Cycloguanil | Antimalarial | Lacks FDA approval |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---------------------------------|--|--|
| S0 | Cyclomethycaine | Local anesthetic | Lacks FDA approval |
| S0 | Cyclopentamine | Vasoconstrictor | Lacks FDA approval |
| S0 | Cyclophenil | Selective Estrogen Receptor Modulator (SERM) | Lacks FDA approval |
| S0 | Cyclothiazide | Diuretic | Discontinued, no FDA-approved product commercially available |
| S0 | Cycrimine | Anticholinergic | Discontinued, no FDA-approved product commercially available |
| S4 | Dalantercept (ACE-041) | Anti-neoplastic | Lacks FDA approval |
| S1 | Danazol | Anabolic | Generic |
| S2 | Darbepoetin (dEPO) | Erythropoiesis | Aranesp |
| S0 | Decamethonium | Muscle relaxant | Discontinued, no FDA-approved product commercially available |
| S1 | Dehydrochloromethyltestosterone | Anabolic | Turinabol DEA Schedule III. |
| S0 | Delmadinone acetate | Reproductive hormone | Lacks FDA approval |
| S0 | Delorazepam | Anxiolytic | Lacks FDA approval. DEA Schedule IV. |
| S0 | Dembroxol (Dembrexine) | Mucolytic | Lacks FDA approval |
| S0(x) | Demecolcine | Anti-neoplastic / Immunomodulator | Lacks FDA approval |
| S0 | Demoxepam | Anxiolytic | Lacks FDA approval |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|----------------------------|--|
| S0 | Deoxycorticosterone | Minerlocorticoid | Lacks FDA approval |
| S0 | Deptropine | Antihistamine | Lacks FDA approval |
| S6 | Dermorphin | Opioid Receptor Agonist | Lacks FDA approval |
| S0 | Deserpidine | Antihypertensive | Discontinued, no FDA-approved product commercially available |
| S0 | Desipramine | Antidepressant | Norpramin |
| S4 | Deslorelin Intact males and geldings | Reproductive hormone | Ovuplant, SucroMate, Suprelorin |
| S5 | Desmopressin | Anti-diuretic | DDAVP, Nocdurna |
| S1 | Desoxymethyltestosterone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | Desoxyvinyl-testosterone | Anabolic | Lacks FDA approval |
| S0 | Dextromoramide | Opioid analgesic | Lacks FDA approval. DEA Schedule I. |
| S0 | Dextropropoxyphene | Opioid analgesic | Discontinued, no FDA-approved product commercially available. DEA Schedule IV. |
| S0 | Dextrorphan (Dextrorphan may be present as a metabolite of dextromethorphan. If there is credible evidence that the presence of dextrorphan in the horse's sample is the consequence of dextromethorphan administration, the classification of dextrorphan may be revised to S7(A).) | Psychoactive / Antitussive | Lacks FDA approval |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--------------------------------|----------------------------------|--|
| S0 | Dezocine | Opioid analgesic | Discontinued, no FDA-approved product commercially available |
| S0 | Diacerein | Anti-osteoarthritic | Lacks FDA approval |
| S0 | Diamorphine (Diacetylmorphine) | Opioid analgesic | Lacks FDA approval. DEA Schedule I. |
| S0 | Diazoxide | Antihypertensive / Hyperglycemic | Proglycem |
| S0 | Dibenzepin | Antidepressant | Lacks FDA approval |
| S0 | Dibucaine | Local anesthetic | Discontinued, no FDA-approved product commercially available |
| S0 | Dichlorisone | Corticosteroid | Lacks FDA approval |
| S0 | Dichloroacetate | Anti-neoplastic | Lacks FDA approval |
| S0 | Dicumarol | Anticoagulant | Discontinued, no FDA-approved product commercially available |
| S0 | Diethylpropion | Stimulant | Lacks FDA approval. DEA Schedule IV. |
| S0 | Diethylthiambutene | Opioid analgesic | Lacks FDA approval. DEA Schedule I. |
| S0 | Diethyltryptamine (DET) | Hallucinogen | Lacks FDA approval |
| S0 | Diflucortolone | Corticosteroid | Lacks FDA approval |
| S0 | Diflunisal | NSAID | Generic |
| S0 | Digitoxin | Antiarrhythmic | Discontinued, no FDA-approved product commercially available |
| S0 | Dihydrocodeine | Opioid analgesic | Trezix (with acetaminophen and caffeine) DEA Schedule III. |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---|-----------------------|---|
| S0 | Dihydrocodeinone | Opioid analgesic | Lacks FDA approval |
| S0 | Dihydromorphine | Opioid analgesic | Lacks FDA approval. DEA Schedule I. |
| S1 | Dihydrotestosterone (17β-hydroxy- 5α-androstan-3-one, Androstanolone) | Anabolic | Anabolex, Andractimm, Pesomax, Stanolone DEA Schedule III. |
| S0 | Diisopropylamine | Vasodilator | Lacks FDA approval |
| S0 | Diltiazem | Antihypertensive | Cardizem CD, Taztia XT, Tiazac |
| S0 | Dimeflin | Respiratory stimulant | Lacks FDA approval |
| S0 | Dimethindene | Antihistamine | Lacks FDA approval |
| S0 | Dimethisoquin (Quinocaine) | Local anesthetic | Lacks FDA approval |
| S0 | Dimethylamphetamine | Stimulant | Lacks FDA approval |
| S0 | Dimethylphenidate | Stimulant | Lacks FDA approval |
| S0(x) | *Dimethyltryptamine (DMT) | Hallucinogen | Lacks FDA approval. DEA Schedule I. |
| S0 | Diphenadione | Anticoagulant | No FDA-approved product. Rodenticide |
| S0 | Diphenylpyraline | Antihistamine | Discontinued, no FDA-approved product commercially available |
| S0 | Dipipanone | Opioid analgesic | Lacks FDA approval. DEA Schedule I. |
| S0 | Diprenorphine | Narcotic antagonist | M50-50 |

*Threshold: 10 mcg/mL total (free and conjugated) in urine

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|-------------------------------|---------------------------------|--|
| S0 | Diprophylline | Bronchodilator | Lacks FDA approval |
| S0 | Disulfiram | Alcohol antagonist | Generic |
| S0 | Divalproex | Anticonvulsant | Depakote |
| S0 | Dixyrazine | Antipsychotic | Lacks FDA approval |
| S4 | Domagrozumab | Anabolic | Lacks FDA approval |
| S0 | Donepezil | Behavior and cognitive modifier | Adilarity, Aricept |
| S0 | Dopexamine | Vasodilator | Lacks FDA approval |
| S0 | Dothiepin | Antidepressant | Lacks FDA approval |
| S0 | Doxacurium | Muscle relaxant | Discontinued, no FDA-approved product commercially available |
| S0 | Doxazosin | Antihypertensive | Cardura |
| S0 | Doxefazepam | Anxiolytic | Lacks FDA approval |
| S1 | Dromostanolone (Drostanolone) | Anabolic | Lacks FDA approval |
| S0 | Droperidol | Antipsychotic | Inapsine |
| S0 | Drospirenone | Reproductive hormone | Slynd, Nextstellis, Angeliq, Lo-Zumandimine, Loryna, Elamisa, Nikki, Yaz |
| S0 | Duloxetine | Antidepressant | Cymbalta, Drizalma |
| S0 | Dyphylline (Diphylline) | Antipsychotic / Anti-emetic | Discontinued, no FDA-approved product commercially available |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|---|--|
| S0 | Edrophonium | Muscle strengthener | Discontinued, no FDA-approved product commercially available |
| S2 | Efaproxiral (RSR13) | Hemoglobin modifier | FDA orphan drug |
| S0 | Eletriptan | Selective Serotonin Receptor Agonist | Relpax |
| S0 | Eltenac | NSAID | Lacks FDA approval |
| S0 | Embramine | Antihistamine | Lacks FDA approval |
| S0 | Embutramide | Opioid analgesic | Lacks FDA approval. DEA Schedule III. |
| S0 | Emepronium | Antispasmodic | Lacks FDA approval |
| S0 | Emidonol | Anti-inflammatory | Lacks FDA approval |
| S0 | Enalapril (metabolite enalaprilat) | Angiotensin-converting enzyme inhibitor | Vasotec |
| S0 | Enciprazine | Anxiolytic / Antipsychotic | Lacks FDA approval |
| S6 | Epibatidine | Analgesic | Lacks FDA approval |
| S1 | Epi-dihydrotestosterone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | Epitestosterone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S0 | Eplerenone | Antihypertensive | Inspra |
| S2 | EPO-based constructs (e.g. EPO-Fc) | Erythropoiesis | Lacks FDA approval |
| S2 | EPO-mimetic agents (e.g. CNTO-530, peginesatide) | Erythropoiesis | |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|-------------------------------------|---------------------------|--|
| S0 | Ergonovine | Ergot alkaloid | Lacks FDA approval |
| S0(x) | Ergotamine | Ergot alkaloid | Ergomar, Migergot (with caffeine) |
| S0 | Erythritol tetranitrate | Vasodilator | Lacks FDA approval |
| S2 | Erythropoietin (EPO) | Erythropoiesis | |
| S0 | Esmolol | Antihypertensive | Brevibloc |
| S0 | Estazolam | Sedative / Anticonvulsant | Prosom DE Schedule IV. |
| S0 | Eszopiclone | Hypnotic | Lunesta |
| S0 | Etafedrine | Bronchodilator | Lacks FDA approval |
| S0 | Etamiphylline | Respiratory Stimulant | Lacks FDA approval |
| S0 | Etamivan (Ethamivan) | Respiratory Stimulant | Lacks FDA approval |
| S5 | Ethacrynic acid (Etacrynic acid) | Diuretic | Edecrin |
| S0 | Ethamivan | Respiratory Stimulant | Lacks FDA approval |
| S0 | Ethamsylate | Antihemorrhagic | Lacks FDA approval |
| S0 | Ethanol | Depressant | Grain alcohol, Everclear |
| S0 | Ethaverine | Vasodilator | Lacks FDA approval |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---------------------|------------------------------|---|
| S0 | Ethchlorvynol | Sedative / Hypnotic | Discontinued, no FDA-approved product commercially available. DEA Schedule IV. |
| S0 | Ethiazide | Diuretic | Lacks FDA approval |
| S0 | Ethinamate | Sedative / Hypnotic | Discontinued, no FDA-approved product commercially available. DEA Schedule IV. |
| S0 | Ethinylestradiol | Reproductive hormone | Lacks FDA approval |
| S0 | Ethoheptazine | Analgesic | Lacks FDA approval |
| S0 | Ethopropazine | Anticholinergic | Discontinued, no FDA-approved product commercially available |
| S0 | Ethosuximide | Anticonvulsant | Zarontin |
| S0 | Ethotoin | Anticonvulsant | Discontinued, no FDA-approved product commercially available |
| S0 | Ethoxzolamide | Carbonic Anhydrase Inhibitor | Discontinued, no FDA-approved product commercially available |
| S0 | Ethyl isobutrazine | Sedative | Lacks FDA approval |
| S0 | Ethyl Loflazepate | Sedative / Anxiolytic | Discontinued, no FDA-approved product commercially available. DEA Schedule IV. |
| S0 | Ethylamphetamine | Stimulant | Lacks FDA approval |
| S1 | Ethylestrenol | Anabolic | Discontinued, no FDA-approved product commercially available. DEA Schedule III. |
| S0 | Ethylmorphine | Opioid analgesic | Lacks FDA approval. DEA Schedule II. |
| S0 | Ethylnorepinephrine | Stimulant | Lacks FDA approval |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|-------------------------|---------------------|--|
| S0 | Ethylphenidate | Stimulant | Lacks FDA approval |
| S0 | Etidocaine | Local anesthetic | Discontinued, no FDA-approved product commercially available |
| S0 | Etifoxine (Etafenoxine) | Anticonvulsant | Lacks FDA approval |
| S0 | Etilefrine | Stimulant | Lacks FDA approval |
| S0 | Etiocholanolone | Anabolic | Lacks FDA approval |
| S0 | Etizolam | Anxiolytic | Lacks FDA approval |
| S0 | Etodroxizine | Antihistamine | Lacks FDA approval |
| S0 | Etofenamate | NSAID | Lacks FDA approval |
| S0 | Etomidate | Anesthetic | Amidate |
| S0 | Etoricoxib | NSAID | Lacks FDA approval |
| S0 | Etorphine HCl | Opioid analgesic | M99 DEA Schedule II. |
| S2 | Examorelin (Hexarelin) | Growth hormone | Lacks FDA approval |
| S4 | Exemestane | Aromatase inhibitor | Aromasin |
| S0 | Famprofazone | NSAID | Lacks FDA approval |
| S0 | Febarbamate | Anxiolytic | Lacks FDA approval |
| S0 | Felbamate | Anticonvulsant | Trezix, Tuxari, Triacin-C |
| S0 | Felbinac | NSAID | Lacks FDA approval |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|-------------------------------|--|
| S0 | Felodipine | Antihypertensive | Generic |
| S0 | Fenbufen | NSAID | Felbatol |
| S0 | Fenbutrazate | Psychostimulant | Lacks FDA approval |
| S0 | Fencamfamine | Stimulant | Lacks FDA approval. DEA Schedule IV. |
| S0 | Fencamine | Psychostimulant | Lacks FDA approval |
| S0 | Fenclofenac | NSAID | Lacks FDA approval |
| S0 | Fenclozic acid | NSAID | Lacks FDA approval |
| S0 | Fenetylline (Fenetylline, Phenethylline, Phenetylline) | Psychostimulant | Lacks FDA approval |
| S0 | Fenfluramine | Stimulant | Fintepla. DEA Schedule IV. |
| S3 | Fenoterol | Beta-2 agonist-bronchodilator | Lacks FDA approval |
| S0 | Fenozolone | Psychostimulant | Lacks FDA approval |
| S0 | Fenpiprane | Antispasmodic | Lacks FDA approval |
| S0 | Fenproporex | Stimulant | Lacks FDA approval. DEA Schedule IV. |
| S0 | Fenspiride | Bronchodilator | Lacks FDA approval |
| S0 | Fentiazac | NSAID | Lacks FDA approval |
| S0 | Feprazone | NSAID | Lacks FDA approval |
| S2 | Fibroblast Growth Factors (FGFs) | Growth Hormone | |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|-------------------------------------|-------------------------|--|
| S0 | Flavoxate | Anticholinergic | Generic |
| S0 | Floctafenine | NSAID | Lacks FDA approval |
| S0 | Fluanisone | Antipsychotic | Lacks FDA approval |
| S0 | Fludiazepam | Anxiolytic | Lacks FDA approval. DEA Schedule IV. |
| S0 | Fludrocortisone | Corticosteroid | Generic |
| S0 | Flufenamic acid | NSAID | Lacks FDA approval |
| S5 | Flumethiazide | Diuretic | Discontinued, no FDA-approved product commercially available |
| S0 | Flunarizine | Calcium channel blocker | Lacks FDA approval |
| S0 | Flunisolide | Corticosteroid | Generic |
| S0 | Flunitrazepam | Sedative / Anxiolytic | Lacks FDA approval. DEA Schedule IV. |
| S0 | Fluocortolone | Corticosteroid | Lacks FDA approval |
| S0 | Fluopromazine (Trifluopromazine) | Antipsychotic | Lacks FDA approval |
| S0 | Fluoresone | Anticonvulsant | Lacks FDA approval |
| S0 | Fluorocortisone | Corticosteroid | Lacks FDA approval |
| S0 | Fluorophenethylamine | Stimulant | Lacks FDA approval |
| S0 | Fluoroprednisolone | Corticosteroid | Discontinued, no FDA-approved product commercially available |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|----------------------------|-------------------------------|---|
| S0 | Fluoxetine | Antidepressant | Prozac |
| S1 | Fluoxymesterone | Anabolic | Discontinued, no FDA-approved product commercially available. DEA Schedule III. |
| S0 | Flupenthixol (Flupentixol) | Antipsychotic | Lacks FDA approval |
| S0 | Flupirtine | Analgesic | Lacks FDA approval |
| S0 | Fluprednisolone | Corticosteroid | Discontinued, no FDA-approved product commercially available |
| S0 | Flurazepam | Sedative / Anxiolytic | Generic. DEA Schedule IV. |
| S0 | Fluspirilene | Antipsychotic | Lacks FDA approval |
| S0 | Flutoprazepam | Sedative / Anxiolytic | Lacks FDA approval |
| S0 | Fluvoxamine | Antidepressant | Luvox |
| S4 | Follistatin | Myostatin inhibitor | |
| S1 | Formebolone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S4 | Formestane | Aromatase inhibitor | Lacks FDA approval |
| S3 | Formoterol (Aformoterol) | Beta-2 agonist-bronchodilator | Brovana; Breyna (with budesonide); Duaklir Pressair (with acclidinium) |
| S0 | Fosinopril | Antihypertensive | Generic |
| S0 | Fosphenytoin | Anticonvulsant | Cerebyx |
| S4 | Fulvestrant | Estrogen antagonist | Falsodex |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---|--------------------------------|--|
| S1 | Furazabol | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S0 | Furazadrol | Anabolic | Lacks FDA approval |
| S0 | Furfenorex | Stimulant | Lacks FDA approval |
| S0 | Galantamine | Acetylcholinesterase inhibitor | Razadyne |
| S0 | Gallamine | Muscle relaxant | Discontinued, no FDA-approved product commercially available |
| S0 | Gamma Aminobutyric Acid (GABA) | Neurotransmitter | Endogenous substance. |
| S0 | Gamma-butyrolactone (GBL) | Neurohormone | Lacks FDA approval |
| S0 | Gamma-hydroxybutyrate (GHB) | CNS depressant | Lacks FDA approval |
| S0 | Gepirone | Antidepressant | Lacks FDA approval |
| S1 | Gestrinone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | GH-Releasing Peptides (ghrps), e.g., alexamorelin, GHRP-6, hexarelin and pralmorelin (GHRP-2) | Growth Hormone | |
| S0(x) | *Glaucine | Antitussive | Lacks FDA approval |
| S0 | Glutethimide (Chlorhexidol) | Sedative | Discontinued, no FDA-approved product commercially available. DEA Schedule II. |

*Screening Limit: 0.5 ng/mL in serum or plasma

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|--------------------------------|--|
| S4 | Gonadorelin Intact males and geldings | Reproductive hormone modulator | Cystorelin, Factrel, Fertelin, OvaCyst, Fertagyl, Gonabreed |
| S2 | Goserelin | Reproductive hormone modulator | Zoladex |
| S1 | Growth Hormone Releasing Hormone (GHRH) | Anabolic | |
| S0 | Guanadrel | Antihypertensive | Discontinued, no FDA-approved product commercially available |
| S0 | Guanethidine | Antihypertensive | Discontinued, no FDA-approved product commercially available |
| S0 | Guanoclor | Antihypertensive | Lacks FDA approval |
| S0 | Halazepam | Sedative / Anxiolytic | Discontinued, no FDA-approved product commercially available. DEA Schedule IV. |
| S0 | Haldrol | Anabolic | Lacks FDA approval |
| S0 | Haloperidol | Antipsychotic | Haldol |
| S0 | Haloxazolam | Sedative / Anxiolytic | Lacks FDA approval |
| S0 | Harmaline | Psychoactive | Lacks FDA approval |
| S2 | Hepatocyte Growth Factor (HGF) | Growth Hormone | |
| S0 | Heptaminol | Cardiac stimulant | |
| S0 | Hexafluorenium | Muscle relaxant | Discontinued, no FDA-approved product commercially available |
| S0 | Hexobarbital | Sedative | Lacks FDA approval |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---|------------------|---|
| S0 | Hexocyclium | Anticholinergic | Discontinued, no FDA-approved product commercially available |
| S0 | Hexylcaine | Local anesthetic | Discontinued, no FDA-approved product commercially available |
| S3 | Higenamine (Norclaurine, Demethylcoclaurine) | Bronchodilator | Constituent of numerous OTC dietary supplements marketed for weight loss or as sports/energy supplements. Lacks FDA approval |
| S0 | Histapyrrodine | Antihistamine | Lacks FDA approval |
| S4 | Histrelin | GnRH agonist | Supprelin LA, Vantas |
| S0 | Homophenazine | Antipsychotic | Lacks FDA approval |
| S5 | Hydrochlorthiazide | Diuretic | Lotensin (with Bisoprolol), Vaseretic (with Enalapril), Avilide (with Irbesartan), Zestoretic (with Lisinopril), Lopressor (with Metoprolol), Micardis (with Telmisartan), and others |
| S0 | Hydrocodone (Dihydrocodienone) | Opioid analgesic | Hysingla, Apadaz, Anexsia (with acetaminophen); Hycodan (with homatropine) DEA Schedule II. |
| S5 | Hydroflumethiazide | Diuretic | Discontinued, no FDA-approved product commercially available |
| S0 | Hydromorfinol | Opioid analgesic | Lacks FDA approval |
| S0 | Hydromorphone | Opioid analgesic | Dilaudid DEA Schedule II. |
| S0 | Hydroxyamphetamine | Stimulant | Paremyd (with Tropicamide) |
| S0 | Hydroxy-gamma amino butyric acid | Neurohormone | Lacks FDA approval |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---|-------------------------------|--|
| S0 | Hydroxytestosterone | Anabolic | Lacks FDA approval |
| S6 | Ibandronate | Bisphosphonate | Generic |
| S0 | Ibogaine | Psychoactive | Lacks FDA approval. DEA Schedule I. |
| S2 | Ibutamoren | Growth Hormone | Investigational New Drug (in clinical trials) |
| S0 | Iloprost | Vasodilator | Ventavis |
| S3 | Indacaterol | Beta-2 agonist-bronchodilator | Discontinued, no FDA-approved product commercially available |
| S5 | Indapamide | Diuretic | Generic |
| S0 | Indoprofen | NSAID | Lacks FDA approval |
| S0 | Indoramin | Antihypertensive | Lacks FDA approval |
| S2 | Insulin- like Growth Factor-1 (IGF-1) and its analogues | Peptide hormone | |
| S2 | Insulins | Anti-hyperglycemics | |
| S2 | IOX-2 | Erythropoiesis | Lacks FDA approval |
| S2 | Ipamorelin | Growth Hormone | Lacks FDA approval |
| S0 | Iprindole | Antidepressant | Lacks FDA approval |
| S0 | Iproniazid | Antidepressant | Lacks FDA approval |
| S0 | Ipsapirone | Antidepressant | Lacks FDA approval |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---------------------------|-------------------------------------|--|
| S0 | Irbesartan | Antihypertensive | Avalide, Avapro |
| S0 | Isoaminile | Antitussive | Lacks FDA approval |
| S0 | Isocarboxazid | Antidepressant | Marplan |
| S0 | Isoetharine | Bronchodilator | Discontinued, no FDA-approved product commercially available |
| S0 | Isomethadone (Isoamidone) | Synthetic Opioid analgesic | Lacks FDA approval. DEA Schedule II. |
| S0 | Isometheptene | Sympathomimetic | Lacks FDA approval |
| S0 | Isopropamide | Anticholinergic | Discontinued, no FDA-approved product commercially available |
| S3 | Isoproterenol | Beta-2 agonist | Generic |
| S0 | Isopyrin (Raminfenazone) | NSAID | Lacks FDA approval |
| S0 | Isothipendyl | Antihistamine | Lacks FDA approval |
| S0 | Isoxicam | NSAID | Lacks FDA approval |
| S0 | Isoxsuprine | Vasodilator | Lacks FDA approval |
| S0 | Isradipine | Antihypertensive | Generic |
| S0 | Kebuzone | NSAID | Lacks FDA approval |
| S0 | Ketazolam | Sedative / Anxiolytic | Lacks FDA approval. DEA Schedule IV. |
| S2 | Krypton | Hypoxia Inducible Factor activating | |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|----------------------------------|--------------------------------|--|
| S0 | Labetalol | Antihypertensive | Trandate |
| S4 | Landogrozumab | Myostatin inhibitor | Lacks FDA approval |
| S2 | Lenomorelin (Ghrelin) | Growth Hormone | Lacks FDA approval |
| S0 | Lenperone | Antipsychotic | Lacks FDA approval |
| S0 | Leptazole (Pentylentetrazole) | Stimulant | Lacks FDA approval |
| S0 | Letosteine | Mucolytic | Lacks FDA approval |
| S2 | Letrozole | Aromatase inhibitor | Femara |
| S2 | Leuprorelin (Leuprolide) | Reproductive hormone modulator | Eligard Kit, Fensolvi Kit, Camcevi Kit |
| S0 | Levallorphan | Opioid Antagonist | Discontinued, no FDA-approved product commercially available |
| S0 | Levobunolol | Antihypertensive | Betagan |
| S0 | Levocabastine | Antihistamine | Discontinued, no FDA-approved product commercially available |
| S0 | Levodopa | Decarboxylase Inhibitor | Inbrija, Stalevo, Rytary, Duopa, Dhivy, Sinemet (all with carbidopa) |
| S0 | Levomethadone | Opioid analgesic | Lacks FDA approval |
| S0 | Levomethorphan | Opioid analgesic | Lacks FDA approval. DEA Schedule II. |
| S0 | Levophacetoperane | Psychostimulant | Lacks FDA approval |
| S0 | Levorphanol | Opioid analgesic | Generic DEA Schedule II. |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|-------------------------------|--|---|
| S3 | Levosalbutamol (Levalbuterol) | Beta-2 agonist-bronchodilator | Xopenex |
| S4 | Levothyroxine | Metabolic hormone | Thyro-Tabs, ThyroKare, Tirosint, Ermeza, Euthyrox, Levolet, Synthroid, Levoxyl, Unithroid |
| S0 | Lidoflazine | Vasodilator | Lacks FDA approval |
| S4 | Ligandrol (LGD-4033) | Selective Androgen Receptor Modulator (SARM) | Lacks FDA approval |
| S0 | Lisinopril | Antihypertensive | Zestoretic, Qbrelis |
| S0 | Lithium | Mood Stabilizer | Lithobid |
| S0(x) | *Lobeline | Respiratory Stimulant | Plant alkaloid (Lobelia, Indian Tobacco) Environmental substance. Lacks FDA approval. |
| S0 | Lofentanil | Opioid analgesic | Lacks FDA approval |
| S0 | Lofepamine | Antidepressant | Lacks FDA approval |
| S0 | Loflazepate, Ethyl | Anxiolytic | Lacks FDA approval |
| S2 | Lonapegsomatropin | Growth Hormone | FDA Orphan Drug |
| S0 | Loprazolam | Anxiolytic | Lacks FDA approval. DEA Schedule IV. |
| S0 | Lorazepam | Anxiolytic | Ativan DEA Schedule IV. |
| S0 | Lormetazepam | Sedative / Anxiolytic | Lacks FDA approval |
| S0 | Lornoxicam | NSAID | Lacks FDA approval. DEA Schedule IV. |

*Screening Limit: 2 ng/mL in serum or plasma

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|-------------------------------|--------------------------------|--|
| S0 | Losartan | Antihypertensive | Cozaar, Hyzaar [with hydrochlorothiazide] |
| S0 | Loxapine | Antipsychotic | Adasuve |
| S3 | Lubabegron | Beta adrenergic modulator | Experior |
| S0 | Lumiracoxib | NSAID | Lacks FDA approval |
| S2 | Luspatercept | Erythropoiesis | FDA Orphan Drug |
| S2 | Luteinizing Hormone (LH) | Reproductive hormone modulator | |
| S3 | Mabuterol | Beta-2 agonist-bronchodilator | Lacks FDA approval |
| S2 | Macimorelin | Growth Hormone | Macrilen |
| S0 | Maprotiline | Antidepressant | Discontinued, no FDA-approved product commercially available |
| S0 | Mazindol | Stimulant | Discontinued, no FDA-approved product commercially available. DEA Schedule IV. |
| S0 | Mebanazine | Antidepressant | Lacks FDA approval |
| S0 | Mebeverine | Antispasmodic | Lacks FDA approval |
| S0 | Mebhydroline (Mebhydrolin) | Antihistamine | Lacks FDA approval |
| S0 | Mebutamate | Sedative / Anxiolytic | Discontinued, no FDA-approved product commercially available. DEA Schedule IV. |
| S0 | Mecamylamine | Vasodilator | Generic |
| S2 | Mechano Growth Factors (MGFs) | Growth Hormone | |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|-----------------------------|-----------------------|--|
| S0 | Meclizine | Antihistamine | Antivert |
| S1 | Meclofenoxate | Cholinergic nootropic | Lacks FDA approval |
| S0(x) | Meconine | Opioid | Lacks FDA approval |
| S0 | Medazepam | Sedative / Anxiolytic | Lacks FDA approval. DEA Schedule IV. |
| S0 | Medrylamine | Antihistamine | Lacks FDA approval |
| S0 | Medrysone | Corticosteroid | Discontinued, no FDA-approved product commercially available |
| S0 | Mefenamic acid | NSAID | Ponstel |
| S0 | Mefenorex | Stimulant | Lacks FDA approval. DEA Schedule IV. |
| S0 | Mefexamide | Stimulant | Lacks FDA approval |
| S0 | Mefruside | Diuretic | Lacks FDA approval |
| S2 | Meldonium | Anti-ischemic | Lacks FDA approval |
| S0 | Melperone | Antipsychotic | Lacks FDA approval |
| S0 | Memantine | Alzheimer's treatment | Namenda, Namzaric (with donepezil) |
| S0 | Meparfynol (Methylpentynol) | Sedative | Lacks FDA approval |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|-----------------------|--|
| S0 | Mepazine | Antipsychotic | Lacks FDA approval |
| S0 | Mepednisone | Corticosteroid | Lacks FDA approval |
| S0 | Mepenzolate | Anti-ulcer | Discontinued, no FDA-approved product commercially available |
| S0 | Meperidine | Opioid analgesic | Demerol DEA Schedule II. |
| S0 | Mephenesin | Muscle relaxant | Lacks FDA approval |
| S0 | Mephenoxalone | Muscle relaxant | Lacks FDA approval |
| S0 | Mephentermine | Cardiac stimulant | Discontinued, no FDA-approved product commercially available |
| S0 | Mephénytoin | Anticonvulsant | Discontinued, no FDA-approved product commercially available |
| S0 | Mephobarbital (Methylphenobarbital) | Sedative / Anxiolytic | Lacks FDA approval |
| S0 | Mepindolol | Beta blocker | Lacks FDA approval |
| S0 | Meprobamate (Meprobamate is a metabolite of carisoprodol. If there is credible evidence that the presence of meprobamate in a horse's sample is the consequence of carisoprodol administration, the classification of meprobamate may be revised to S7(A).) | Anxiolytic | Generic DEA Schedule IV. |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--------------------------------|-------------------------------|--|
| S0 | Meprylcaine | Local anesthetic | Lacks FDA approval |
| S0 | Meptazinol | Narcotic | Lacks FDA approval |
| S5 | Meralluride | Diuretic | Lacks FDA approval |
| S5 | Merbaphen | Diuretic | Lacks FDA approval |
| S5 | Mercaptomerin | Diuretic | Lacks FDA approval |
| S0 | Mersalyl | Diuretic | Discontinued, no FDA-approved product commercially available |
| S0 | Mesocarb | Stimulant | Lacks FDA approval |
| S0 | Mesoridazine | Antipsychotic | Discontinued, no FDA-approved product commercially available |
| S1 | Mestanolone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | Mesterolone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S0 | Metaclazepam | Anxiolytic | Lacks FDA approval |
| S1 | Metandienone | Anabolic | Lacks FDA approval |
| S3 | Metaproterenol (Orciprenaline) | Beta-2 agonist-bronchodilator | Generic |
| S0 | Metaraminol | Antihypotensive | Generic |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---------------------------------------|--------------------------|---|
| S0 | Metaxalone | Muscle relaxant | Skelaxin |
| S0 | Metazocine | Opioid analgesic | Lacks FDA approval. DEA Schedule II. |
| S1 | Metenolone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S0 | Metformin | Anti-hyperglycemic | Fortamet, Glumetza, Glucophage |
| S0 | Methacholine | Bronchoconstrictor | Provocholine |
| S0(x) | Methadone | Synthetic opioid agonist | Methadose DEA Schedule II. |
| S0 | Methallenestril | Synthetic estrogen | Lacks FDA approval |
| S0 | Methamphetamine | Stimulant | Desoxyn DEA Schedule II. |
| S1 | Methandienone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | Methandriol (Methylandrostenediol) | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | Methandrostenolone | Anabolic | Lacks FDA approval |
| S0 | Methantheline | Anticholinergic | Discontinued, no FDA-approved product commercially available |
| S0 | Methapyrilene | Antihistamine | Lacks FDA approval |
| S0 | Methaqualone | Sedative | Lacks FDA approval. DEA Schedule I. |
| S0 | Metharbital | Sedative | Discontinued, no FDA-approved product commercially available |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|------------------------------|--|
| S1 | Methasterone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S0 | Methazolamide | Carbonic Anhydrase Inhibitor | Generic |
| S0 | Methcathinone | Stimulant | Lacks FDA approval. DEA Schedule I. |
| S0 | Methdilazine | Antihistamine | Discontinued, no FDA-approved product commercially available |
| S1 | Methenolone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S0 | Methimazole | Anti-thyroid | Generic |
| S0 | Methixene | Anticholinergic | Discontinued, no FDA-approved product commercially available |
| S0 | Methohexital | Sedative | Brevital |
| S0 | Methotrimeprazine | Antipsychotic | Lacks FDA approval |
| S0 | Methoxamine | Stimulant | Discontinued, no FDA-approved product commercially available |
| S3 | Methoxyphenamine | Bronchodilator | Lacks FDA approval |
| S2 | Methoxypolyethylene glycol-epoetin beta (CERA) | Erythropoiesis | Micera |
| S0 | *Methoxytyramine (3-) | Neuromodulator | Endogenous substance |
| S0 | Methscopolamine (Methyl scopolamine) | Anticholinergic | Generic |

Threshold: 4 mcg/mL total (free and conjugated) 3-methoxytyramine per mL in urine

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|------------------|---|
| S0 | Methsuximide | Anticonvulsant | Celontin |
| S1 | Methyl-1-testosterone | Anabolic | Android 25 DEA Schedule III. |
| S0 | Methylaminorex | Stimulant | Lacks FDA approval. DEA schedule I. |
| S0 | Methylatropine | Anticholinergic | Lacks FDA approval |
| S0 | Methylchlorthiazide (Methylclothiazide) | Diuretic | Lacks FDA approval |
| S1 | Methylclostebol | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S5 | Methylclothiazide | Diuretic | Discontinued, no FDA-approved product commercially available |
| S1 | Methyldienolone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S0 | Methyldopa | Antihypertensive | Generic |
| S0 | Methylenedioxyamphetamine (MDA) | Stimulant | Lacks FDA approval. DEA Schedule I. |
| S0 | Methylenedioxyethylamphetamine (MDEA) | Stimulant | Lacks FDA approval. DEA Schedule I. |
| S0 | Methylenedioxymethamphetamine (MDMA) | Stimulant | Lacks FDA approval. DEA Schedule I. |
| S0 | Methylephedrine | Stimulant | Lacks FDA approval |
| S0 | Methylhexanamine (Methylhexaneamine) | Stimulant | Lacks FDA approval |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|------------------------------------|------------------|---|
| S0 | Methylmethcathinone | Stimulant | Lacks FDA approval |
| S1 | Methylnortestosterone (Trestolone) | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S0 | Methylphenidate | Stimulant | Ritalin DEA Schedule II. |
| S0 | Methylprylone (methprylon) | Sedative | Lacks FDA approval |
| S0 | Methylpseudoephedrine | Stimulant | Lacks FDA approval |
| S1 | Methyltestosterone | Anabolic | Android 25 DEA Schedule III. |
| S1 | Methyltrienolone (metribolone) | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S0 | Methyprylon | Sedative | Discontinued, no FDA-approved product commercially available. DEA Schedule III. |
| S0 | Methysergide | Ergot alkaloid | Discontinued, no FDA-approved product commercially available |
| S0 | Metiamide | Antihistamine | Lacks FDA approval |
| S5 | Meticrane | Diuretic | Lacks FDA approval |
| S0 | Metipranolol | Antihypertensive | Lacks FDA approval |
| S0 | Metocurine | Muscle relaxant | Discontinued, no FDA-approved product commercially available |
| S5 | Metolazone | Diuretic | Generic |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--------------------------------------|------------------------------------|--|
| S0 | Metomidate | Sedative / Hypnotic | Lacks FDA approval |
| S0 | Metopon (Methyldihydromorphinone) | Opioid analgesic | Lacks FDA approval. DEA Schedule II. |
| S0 | Metoprolol | Antihypertensive | Lopressor |
| S0 | Metrenperone | Myositis preventative | Lacks FDA approval |
| S1 | Metribolone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S0 | Metyrapone | Hydrocortisone synthesis inhibitor | Metopirone |
| S0 | Mexazolam | Anxiolytic | Lacks FDA approval |
| S0 | Mianserin | Antidepressant | Lacks FDA approval |
| S0 | Mibefradil | Antihypertensive | Lacks FDA approval |
| S1 | Mibolerone | Anabolic | Cheque Drops DEA Schedule III. |
| S0 | Midodrine | Antihypotensive | Orvaten |
| S0 | Minoxidil | Antihypertensive | Rogaine |
| S0 | Mirtazapine | Antidepressant | Remeron |
| S0 | Mitragynine | Stimulant | Lacks FDA approval |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|------------------|--|
| S0 | Mivacurium | Muscle relaxant | Generic |
| S0 | Modafinil | Stimulant | Provigil DEA Schedule IV. |
| S0 | Moexipril (Metabolite, Moexiprilat) | Antihypertensive | Generic |
| S0 | Mofebutazone | NSAID | Lacks FDA approval |
| S2 | Molidustat (BAY 85-3934) | Erythropoiesis | Lacks FDA approval |
| S0 | Molindone | Antipsychotic | Generic |
| S0 | Moperone | Antipsychotic | Lacks FDA approval |
| S0 | Moprolol | Antihypertensive | Lacks FDA approval |
| S0 | Morpheridine | Analgesic | Lacks FDA approval |
| S0 | Mosapramine | Antipsychotic | Lacks FDA approval |
| S0 | Moxaverine | Vasodilator | Lacks FDA approval |
| S0(x) | Muscarine | Cholinergic | Plant alkaloid |
| S0 | Myo-inositol trispyrophosphate (ITPP, OXY111A) | Oxygen transfer | Lacks FDA approval |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---|--|---|
| S0 | Nadolol | Antihypertensive | Corgard |
| S0 | Nadoxolol | Antihypertensive | Lacks FDA approval |
| S0 | Naepaine | Local anesthetic | Lacks FDA approval |
| S2 | Nafarelin | Reproductive hormone modulator | Synarel |
| S0 | Naftidrofuryl | Vasodilator | Lacks FDA approval |
| S0 | Nalbuphine | Opioid receptor agonist and antagonist | Generic |
| S0 | Nalorphine | Opioid receptor agonist and antagonist | Nalline DEA Schedule III.F943 |
| S1 | Nandrolone (19-nortestosterone) Fillies, mares and geldings | Anabolic | Discontinued, no FDA-approved product commercially available. DEA schedule III. |
| S0 | Naratriptan | Selective Serotonin Receptor Agonist | Amerge |
| S0 | Nebivolol | Antihypertensive | Bystolic |
| S0 | Nefazodone | Antidepressant | Generic |
| S0 | Nefopam | Analgesic | Lacks FDA approval |
| S6 | Neridronate | Bisphosphonate | Lacks FDA approval |
| S0 | Nialamide | Antidepressant | Lacks FDA approval |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--------------------|-----------------------------------|--|
| S0 | Nicardipine | Antihypertensive | Generic |
| S0 | Nicoumalone | Anticoagulant | Lacks FDA approval |
| S0 | Nifedipine | Antihypertensive | Procardia |
| S0 | Nifenalol | Antihypertensive / Antiarrhythmic | Lacks FDA approval |
| S0 | Niflumic acid | NSAID | Lacks FDA approval |
| S0 | Nikethamide | Stimulant | Lacks FDA approval |
| S0 | Nimesulide | NSAID | Lacks FDA approval |
| S0 | Nimetazepam | Hypnotic | Lacks FDA approval. DEA Schedule IV. |
| S0 | Nimodipine | Calcium channel blocker | Generic |
| S0 | Nitrazepam | Sedative / Anxiolytic | Lacks FDA approval. DEA Schedule IV. |
| S0 | Nitroglycerin | Vasodilator | Nitromist, Nitro-Dur, Nitrostat |
| S0 | Nomifensine | Antidepressant | Lacks FDA approval |
| S1 | Norandrostenediol | Anabolic | Lacks FDA approval |
| S1 | Norandrostenedione | Anabolic | Lacks FDA approval |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---|-----------------------|---|
| S1 | Norandrosterone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | Norbolethone / Norboletone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | Norclostebol | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S0 | Nordiazepam / Nordazepam (Nordiazepam is a metabolite of diazepam. If there is credible evidence that the presence of nordiazepam in a horse's sample is the consequence of exposure to diazepam, the classification of nordiazepam may be revised to S7(A).) | Sedative / Anxiolytic | Lacks FDA approval. DEA Schedule IV. |
| S1 | Norethandrolone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | Norethisterone (norethindrone) | Anabolic | Combipatch, Activella, Amabelz, Nortrel, Alyacen, Aranelle and multiple others (with estradiol) |
| S0 | Norfefrine | Antihypotensive | Lacks FDA approval |
| S0 | Norfenfluramine | Stimulant | Lacks FDA approval |
| S0 | Norfluoxetine (Seproxetine) | Antidepressant | Lacks FDA approval |
| S0 | Norpseudoephedrine (Cathine) | Stimulant | Lacks FDA approval. DEA Schedule IV. |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|-------------------------------|--|
| S0 | Nortriptyline | Antidepressant | Pamelor |
| S0 | Noscapine | Antitussive | Lacks FDA approval |
| S0 | Nylidrin (Buphenine) | Vasodilator | Lacks FDA approval |
| S0 | Octopamine (Octopamine is a metabolite of ephedrine. If there is credible evidence that the presence of octopamine is a consequence of exposure to ephedrine, the classification of octopamine may be revised to S7(A).) | Stimulant | Lacks FDC approval |
| S0 | Olanzapine | Antipsychotic | Zyprexa |
| S0 | Oliceridine | Opioid agonist | Olinvk DEA Schedule II. |
| S0 | Olmesartan | Antihypertensive | Benicar (with medoxomil) |
| S3 | Olodaterol | Beta-2 agonist-bronchodilator | Striverdi Respimat, Stiolto Respimat (with tiotropium bromide) |
| S6 | Olpadronate | Bisphosphonate | Lacks FDA approval |
| S0 | Opipramol | Antidepressant | Lacks FDA approval |
| S3 | Orciprenaline (Metaproterenol) | Beta-2 agonist-bronchodilator | Generic |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|--|--|
| S0(x) | Oripavine | Opioid | Plant alkaloid DEA schedule II. |
| S0 | Orphenadrine | Muscle relaxant | Generic |
| S4 | Ospemifene | Selective Estrogen Receptor Modulator (SERM) | Osphena |
| S1 | Ostarine (Enobosarm) | Selective Androgen Receptor Modulator (SARM) | Lacks FDA approval |
| S1 | Oxabolone | Anabolic | Lacks FDA approval |
| S0 | Oxaflumazine | Psychosedative | Lacks FDA approval |
| S1 | Oxandrolone | Anabolic | Generic DEA Schedule III. |
| S0 | Oxaprozin | NSAID | Daypro |
| S0 | Oxazepam (Oxazepam is a metabolite of diazepam. If there is credible evidence that the presence of oxazepam in a horse's sample is the consequence of exposure to diazepam, the classification of oxazepam may be revised to S7(A).) | Anxiolytic | Generic DEA Schedule IV. |
| S0 | Oxazolam | Sedative / Anxiolytic | Lacks FDA approval. DEA Schedule IV. |
| S0 | Oxcarbazepine | Anticonvulsant | Generic |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|----------------------------------|------------------|---|
| S0 | Oxethazaine (Oxetacaine) | Local anesthetic | Lacks FDA approval |
| S0 | Oxilofrine (Hydroxyephedrine) | Stimulant | Lacks FDA approval |
| S0 | Oxolamine | Antitussive | Lacks FDA approval |
| S0 | Oxprenolol | Antihypertensive | Lacks FDA approval |
| S0 | Oxycodone | Opioid analgesic | Oxycontin, Roxybond, Roxicodone, Oxaydo, Xtampza, Percocet, Percodan, Oxycet (with NSAID). DEA Schedule II. |
| S1 | Oxyguno | Anabolic | Lacks FDA approval |
| S1 | Oxymesterone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | Oxymetholone | Anabolic | Discontinued, no FDA-approved product commercially available. DEA Schedule III. |
| S0 | Oxymorphone | Opioid analgesic | Generic. DEA Schedule II. |
| S0 | Oxypertine | Antipsychotic | Lacks FDA approval |
| S0 | Oxyphencyclimine | Anticholinergic | Discontinued, no FDA-approved product commercially available |
| S0 | Oxyphenonium | Anticholinergic | Discontinued, no FDA-approved product commercially available |
| S0 | Paliperidone | Antipsychotic | Invega |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|-------------------|---|
| S0 | Palmitoylethanolamid | Anti-inflammatory | Lacks FDA approval |
| S6 | Pamidronate | Bisphosphonate | Generic |
| S0(x) | Papaverine | Vasodilator | Plant alkaloid |
| S0 | Paraldehyde | Anticonvulsant | Lacks FDA approval. DEA Schedule IV. |
| S0 | Paramethadione | Anticonvulsant | Discontinued, no FDA-approved product commercially available |
| S0 | Paramethasone | Corticosteroid | Discontinued, no FDA-approved product commercially available |
| S0(x) | Paraxanthine (Paraxanthine is a metabolite of caffeine. If there is credible evidence that the presence of paraxanthine in a horse's sample is the consequence of exposure to caffeine, the classification of paraxanthine may be revised to S7(B).) | Stimulant | Lacks FDA approval |
| S0 | Parecoxib | NSAID | Lacks FDA approval |
| S0 | Pargyline | Antihypertensive | Discontinued, no FDA-approved product commercially available. |
| S0 | Paroxetine | Antidepressant | Paxil |
| S2 | Pegepoinetin | Erythropoiesis | Micera |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|-------------------------------------|--|
| S2 | Peginesatide | Erythropoiesis | Discontinued, no FDA-approved product commercially available. |
| S0 | Pemoline (Pemoline is a metabolite of aminorex, which is a metabolite of levamisole. If there is credible evidence that the detection of pemoline in a horse's sample is the consequence of exposure to levamisole, the classification of pemoline may be revised to S7(B).) | Stimulant | Discontinued, no FDA-approved product commercially available. DEA Schedule IV. |
| S0 | Pempidine | Ganglion blocker / antihypertensive | Lacks FDA approval |
| S0 | Penbutolol | Antihypertensive | Discontinued, no FDA-approved product commercially available |
| S0 | Penfluridol | Antipsychotic | Lacks FDA approval |
| S0 | Pentaerythritol tetranitrate | Vasodilator | Lacks FDA approval |
| S0 | Pentetrazol | Stimulant | Lacks FDA approval |
| S0 | Pentifylline | Vasodilator | Lacks FDA approval |
| S0 | Pentylene tetrazol | Stimulant | Lacks FDA approval |
| S2 | Perfluorodecahydronophthalene | Oxygen transfer | Lacks FDA approval |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---|---------------------------|---|
| S0 | Perfluorodecalin (Octadecafluoronaphthalene) | Oxygen transport | Lacks FDA approval |
| S2 | Perfluorooctyl bromide | Oxygen transfer | Discontinued, no FDA-approved product commercially available. |
| S2 | Perfluorotripropylamine | Oxygen transfer | Discontinued, no FDA-approved product commercially available |
| S0 | Periciazine | Antipsychotic | Lacks FDA approval |
| S0 | Perindopril | Antihypertensive | Generic, Prestalia (with amlodipine besylate) |
| S0 | Perlapine | Sedative / Hypnotic | Lacks FDA approval |
| S0 | Perphenazine | Antipsychotic | Generic |
| S0 | Phenacemide | Anticonvulsant | Discontinued, no FDA-approved product commercially available |
| S0 | Phenaglycodol | Sedative / Anxiolytic | Lacks FDA approval |
| S0 | Phenazocine | Opioid analgesic | Lacks FDA approval. DEA Schedule II. |
| S0 | Phenazone | NSAID | Lacks FDA approval |
| S0 | Phencyclidine (PCP) | Dissociative hallucinogen | Lacks FDA approval. DEA Schedule I. |
| S0 | Phendimetrazine | Stimulant | Bontril DEA Schedule III. |
| S0 | Phenelzine | Antidepressant | Nardil |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--------------------------------|--------------------|--|
| S0 | Phenibut | Anxiolytic | Lacks FDA approval |
| S0 | Phenindamine | Antihistamine | Lacks FDA approval |
| S0 | Phenindione | Anticoagulant | Discontinued, no FDA-approved product commercially available |
| S0 | Pheniramine | Antihistamine | Bromfed-DM (with dextromethorphan and pseudoephedrine) |
| S0 | Phenmetrazine | Stimulant | Discontinued, no FDA-approved product commercially available |
| S0 | Phenoxybenzamine | Antihypertensive | Dibenzyline |
| S0 | Phenprocoumon | Anticoagulant | Discontinued, no FDA-approved product commercially available |
| S0 | Phenpromethamine | Stimulant | Lacks FDA approval |
| S0 | Phensuximide | Anticonvulsant | Discontinued, no FDA-approved product commercially available |
| S0 | Pentermine | Stimulant | Adipex-P, Lomaira, Qsymia DEA Schedule IV. |
| S0 | Phenylpiracetam (Carphedon) | Stimulant | Lacks FDA approval |
| S0 | Phenylpropanolamine | Stimulant | Proin |
| S0 | Phenyltoloxamine | Antihistamine | Lacks FDA approval |
| S0 | Pholcodine | Opioid antitussive | Lacks FDA approval; DEA Schedule I. |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--------------------------|--------------------------------|--|
| S0 | Pholedrine | Stimulant | Lacks FDA approval |
| S0 | Picrotoxin | Stimulant | Lacks FDA approval |
| S0 | Piminodine | Opioid analgesic | Lacks FDA approval. DEA Schedule II. |
| S1 | Pimobendan | Cardiac stimulant | Vetmedin |
| S0 | Pimozide | Antipsychotic | Generic |
| S0 | Pinazepam | Anxiolytic | Lacks FDA approval. DEA Schedule IV. |
| S0 | Pinazepam | Sedative / Anxiolytic | Lacks FDA approval |
| S0 | Pindolol | Antihypertensive | Generic |
| S0 | Pipamazine | Anti-emetic | Lacks FDA approval |
| S0 | Pipamperone | Antipsychotic | Lacks FDA approval |
| S0 | Pipecuronium | Muscle relaxant | Discontinued, no FDA-approved product commercially available |
| S0 | Pipequaline | Anxiolytic | Lacks FDA approval |
| S0 | Piper Methysticum (Kava) | Anxiolytic / Anti-inflammatory | Lacks FDA approval |
| S0 | Piperacetazine | Antipsychotic | Lacks FDA approval |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|-----------------------|----------------------------------|--|
| S0 | Piperidione | Sedative | Lacks FDA approval |
| S0 | Piperidolate | Antispasmodic | Lacks FDA approval |
| S0 | Piperocaine | Local anesthetic | Lacks FDA approval |
| S0 | Piperoxan | Antihistamine / Antihypertensive | Lacks FDA approval |
| S0 | Pipotiazine | Antipsychotic | Lacks FDA approval |
| S0 | Pipradrol | Stimulant | Lacks FDA approval |
| S0 | Piquindone | Antipsychotic | Lacks FDA approval |
| S0 | Piracetam | Stimulant | Lacks FDA approval |
| S0 | Pirbuterol | Beta-2 agonist-bronchodilator | Discontinued, no FDA-approved product commercially available |
| S0 | Pirenzepine | Anticholinergic | Lacks FDA approval |
| S5 | Piretanide | Diuretic | Lacks FDA approval |
| S0 | Piritramide | Synthetic opioid analgesic | Lacks FDA approval |
| S0 | Pirprofen | NSAID | Lacks FDA approval |
| S6 | Pitcher Plant Extract | Analgesic | Sarapin |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|-----------------------|--|
| S0 | Pizotifen (Pizotylline) | Antimigraine | Lacks FDA approval |
| S2 | Platelet-Derived Growth Factor (PDGF) | Growth Hormone | |
| S5 | Polythiazide | Diuretic | Discontinued, no FDA-approved product commercially available |
| S0 | Practolol | Antiarrhythmic | Lacks FDA approval |
| S2 | Pralmorelin | Growth Hormone | Lacks FDA approval |
| S1 | Prasterone (Dehydroepiandrosterone, DHEA, 3βhydroxyandrost-5-en17-one) | Anabolic | Intrarosa |
| S0 | Prazepam | Sedative / Anxiolytic | Discontinued, no FDA-approved product commercially available. DEA Schedule IV. |
| S0 | Prazosin | Antihypertensive | Minipress |
| S0 | Prenylamine | Vasodilator | Lacks FDA approval |
| S0 | Pridinol | Anticholinergic | Lacks FDA approval |
| S0 | Prifinium Bromide | Antispasmodic | Lacks FDA approval |
| S5 | Probenecid | Anti-gout | Probalan |
| S0 | Procarbazine | Anti-neoplastic | Matulane |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|------------------------------------|-------------------------------|--|
| S3 | Procaterol | Beta-2 agonist-bronchodilator | Lacks FDA approval |
| S0 | Prochlorperazine | Anti-nausea | Compro, Procomp, Compazine |
| S0 | Procyclidine | Anticholinergic | Discontinued, no FDA-approved product commercially available |
| S0 | Proglumide | Anti-ulcer | Lacks FDA approval |
| S0 | Pronethalol | Antiarrhythmic | Lacks FDA approval |
| S0 | Propallylonal | Sedative / Hypnotic | Lacks FDA approval |
| S0 | Propanidid | Anesthetic | Lacks FDA approval |
| S0 | Propantheline | Anticholinergic | Discontinued, no FDA-approved product commercially available |
| S0 | Propentophylline (Propentofylline) | Phosphodiesterase inhibitor | Lacks FDA approval |
| S0 | Propiomazine | Antipsychotic | Discontinued, no FDA-approved product commercially available |
| S0 | Propionylpromazine | Sedative | Lacks FDA approval |
| S0 | Propiram | Opioid analgesic | Lacks FDA approval. DEA Schedule I. |
| S0 | Propoxycaine | Local anesthetic | Discontinued, no FDA-approved product commercially available |
| S0 | Propoxyphene | Opioid analgesic | Discontinued, no FDA-approved product commercially available |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---------------------|----------------------------|--|
| S0 | Propylhexedrine | Stimulant | Benzedrex |
| S0 | Propyphenazone | NSAID | Lacks FDA approval |
| S0 | Proquazone | NSAID | Lacks FDA approval |
| S1 | Prostanazol | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S0 | Prothipendyl | Anxiolytic / Antihistamine | Lacks FDA approval |
| S0 | Protokylol | Bronchodilator | Discontinued, no FDA-approved product commercially available |
| S0 | Protriptyline | Antidepressant | Generic |
| S0 | Proxibarbital | Sedative / Anxiolytic | Lacks FDA approval |
| S0 | Proxiphylline | Bronchodilator | Lacks FDA approval |
| S0 | Psilocin (Psilocyn) | Hallucinogen | Lacks FDA approval. DEA Schedule I. |
| S0 | Pyrithyldione | Sedative / Hypnotic | Lacks FDA approval |
| S0 | Pyrrobutamine | Antihistamine | Lacks FDA approval |
| S0 | Quazepam | Sedative | Doral DEA Schedule IV. |
| S0 | Quetiapine | Antipsychotic | Lacks FDA approval |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---------------------------------|--|--|
| S0 | Quinapril, Quinaprilat | Antihypertensive | Accuretic |
| S1 | Quinbolone | Anabolic | Lacks FDA approval |
| S5 | Quinethazone | Diuretic | Discontinued, no FDA-approved product commercially available |
| S0 | Quinisocaine | Local anesthetic | Lacks FDA approval |
| S0 | Racemethorphan | Anti-Alzheimers | Lacks FDA approval. DEA Schedule II. |
| S0 | Racemorphan | Opioid agonist | Lacks FDA approval. DEA Schedule II. |
| S0 | Raclopride | Antipsychotic | Lacks FDA approval |
| S1(x) | Ractopamine | Anabolic | Paylean, Optaflexx, Topmax |
| S4 | Raloxifene | Selective Estrogen Receptor Modulator (SERM) | Evista |
| S4 | Ramatercept (ACE-031) | Myostatin inhibitor | Lacks FDA approval |
| S0 | Ramifenazone (Isopyrin) | NSAID | Lacks FDA approval |
| S0 | Ramipril, Metabolite Ramiprilat | Antihypertensive | Altace |
| S0 | Regadenoson | Cardiac stimulant | Lexiscan |
| S0 | Remifentanil | Synthetic opioid analgesic | Ultiva DEA Schedule II. |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|----------------------|--------------------------------------|--|
| S0 | Remimazolam | Anesthetic | Byfavo DEA schedule IV. |
| S0 | Remoxipride | Antipsychotic | Lacks FDA approval |
| S3 | Reproterol | Beta-2 agonist-bronchodilator | Lacks FDA approval |
| S0 | Rilmazafone | Sedative / Hypnotic | Lacks FDA approval |
| S3 | Rimiterol | Beta-2 agonist-bronchodilator | Lacks FDA approval |
| S6 | Risedronate | Bisphosphonate | Actonel |
| S0 | Risperidone | Antipsychotic | Perseris Kit, Risperdal Consta, Risperdal |
| S0 | Ritanserlin | Antidepressant | Lacks FDA approval |
| S3 | Ritodrine | Beta-2 agonist | Lacks FDA approval |
| S0 | Rivastigmine | Cholinesterase Inhibitor | Exelon |
| S0 | Rizatriptan | Selective Serotonin Receptor Agonist | Maxalt |
| S0 | Rofecoxib | NSAID | Discontinued, no FDA-approved product commercially available |
| S2 | Roxadustat (FG-4592) | Erythropoiesis | Lacks FDA approval |
| S0 | Salicylamide | Analgesic | Lacks FDA approval |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|-----------------------------------|-----------------------------|---|
| S1 | SARM YK-11 | Anabolic | Lacks FDA approval |
| S0 | Selegiline | Antidepressant | Emsam, Zelapar |
| S2 | Sermorelin | Growth Hormone | Discontinued, no FDA-approved product commercially available |
| S0 | Sertraline | Antidepressant | Zoloft |
| S0 | Sibutramine | Stimulant | Discontinued, no FDA-approved product commercially available. DEA Schedule IV |
| S0 | Sildenafil | Phosphodiesterase inhibitor | Viagra |
| S6 | Snake Venoms | Neurotoxin | Lacks FDA approval |
| S2 | Somatrem | Growth Hormone | Protropin |
| S2 | Somatrogon | Growth Hormone | Lacks FDA approval |
| S2 | Somatropin | Growth Hormone | Lacks FDA approval |
| S2 | Sotatercept | Growth Hormone | Lacks FDA approval |
| S0(x) | Sparteine | Antiarrhythmic | Lacks FDA approval |
| S0 | Sipiperone | Antipsychotic | Lacks FDA approval |
| S0 | Spirapril, Metabolite Spiraprilat | Antihypertensive | Discontinued, no FDA-approved product commercially available |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|----------------------|---------------------|--|
| S5 | Spirolactone | Diuretic | Aldactazide, Caarospir, Aldactone |
| S4 | Stamulumab (Myo-29) | Myostatin inhibitor | Lacks FDA approval |
| S1 | Stanozolol | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S1 | Stenbolone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S0 | Strychnine | CNS stimulant | Lacks FDA approval. (Has anetodal use as constituent of unregulated appetite stimulants and leg paints. Extreme caution is advised when using these products.) |
| S0 | Styramate | Muscle relaxant | Lacks FDA approval |
| S0 | Sufentanil | Opioid analgesic | Sufenta, Dsuvia DEA Schedule II. |
| S0 | Sulfondiethylmethane | Sedative / Hypnotic | Lacks FDA approval. DEA Schedule III. |
| S0 | Sulfonmethane | Sedative / Hypnotic | Lacks FDA approval. DEA Schedule III. |
| S0 | Sulforidazine | Antipsychotic | Lacks FDA approval |
| S0 | Sulindac | NSAID | Generic |
| S0 | Sulpiride | Antipsychotic | Lacks FDA approval |
| S0 | Sultopride | Antipsychotic | Lacks FDA approval |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|-------------------------------------|--|---|
| S0 | Sumatriptan | Selective Serotonin Receptor Agonist | Imitrex, Treximet [with Naproxen] |
| S0 | Suxibuzone | NSAID | Lacks FDA approval |
| S0(x) | Synephrine | Stimulant | Lacks FDA approval |
| S4 | T3 (Triiodothyronine) | Metabolic hormone | Lacks FDA approval |
| S4 | T4 (Tetraiodothyronine / Thyroxine) | Metabolic hormone | Thyro-Tabs Canine, Thyrokare |
| S2 | Tabimorelin | Growth Hormone | Lacks FDA approval |
| S0 | Tadalafil | Phosphodiesterase inhibitor | Cialis |
| S0 | Talbutal | CNS depressant | Discontinued, no FDA-approved product commercially available. DEA Schedule III. |
| S4 | Tamoxifen | Selective Estrogen Receptor Modulator (SERM) | Soltamox |
| S0 | Tandospirone | Anxiolytic | Lacks FDA approval |
| S0 | Tapentadol | Opioid analgesic | Nucynta DEA Schedule II. |
| S0 | Telmisartan | Antihypertensive | Micardis |
| S0 | Tenoxicam | NSAID | Lacks FDA approval |
| S0 | Terazosin | Antihypertensive | Generic |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---|--|--|
| S3 | Terbutaline | Bronchodilator | Brethine |
| S0 | Terfenadine | Antihistamine | Lacks FDA approval |
| S2 | Tesamorelin | Growth Hormone | Egrifta |
| S4 | Testolactone | Aromatase inhibitor | Teslac DEA Schedule III |
| S2 | Testolone | Selective Androgen Receptor Modulator (SARM) | Lacks FDA approval |
| S1 | *Testosterone Fillies and mares unless in foal | Anabolic | Androderm, Testm, Vogelxo, Testopel, Aveed, Kyzatrex, Jatenzo, Xyosted DEA Schedule III. |
| S1 | **Testosterone Geldings | Anabolic | Androderm, Testm, Vogelxo, Testopel, Aveed, Kyzatrex, Jatenzo, Xyosted. DEA Schedule III. |
| S0 | Tetrabenazine (Deutetrabenazine) | Neurotransmitter modulator | Xenazine, Austedo |
| S1 | Tetrahydrogestrinone | Anabolic | Lacks FDA approval. DEA Schedule III. |
| S0 | Tetrazepam | Anxiolytic | Lacks FDA approval. DEA Schedule IV. |
| S1 | THC (tetrahydrocannabinol) | Psychoactive | Lacks FDA approval. DEA Schedule I. |
| S0(x) | Thebaine | Opioid analgesic | Lacks FDA approval. DEA Schedule II. |

*Threshold: 55 ng/mL total (free and conjugated) testosterone in urine OR 0.1 n/mL free testosterone in serum or plasma

**Threshold: 20 ng/mL total (free and conjugated) testosterone in urine OR 0.1 ng/mL free testosterone in serum or plasma

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|------------------------------|----------------------------------|--|
| S0 | Thialbarbital | Sedative / Hypnotic | Lacks FDA approval |
| S0 | Thiethylperazine | Antipsychotic | Discontinued, no FDA-approved product commercially available |
| S0 | Thiopropazate | Antipsychotic | Lacks FDA approval |
| S0 | Thiopropazine | Antipsychotic | Lacks FDA approval |
| S0 | Thioridazine | Antipsychotic | Generc |
| S0 | Thiothixene | Antipsychotic | Generic |
| S0 | Thiphenamil (Tifenamil) | Antispasmodic / Local anesthetic | Lacks FDA approval |
| S0 | Thonzylamine | Antihistamine / anticholinergic | Lacks FDA approval |
| S0 | Thozalinone | Antidepressant | Lacks FDA approval |
| S2 | Thymosin | Peptide hormone | Lacks FDA approval |
| S0 | Tiapride | Antipsychotic | Lacks FDA approval |
| S0 | Tiaprofenic acid | NSAID | Lacks FDA approval |
| S1 | Tibolone | Anabolic | Lacks FDA approval |
| S6 | Tildronate (Tiludronic Acid) | Bisphosphonate | Tildren |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|---|--|--|
| S0 | Timiperone | Antipsychotic | Lacks FDA approval |
| S3 | Timolol | Antihypertensive | Istalol, Betimol, Timoptic |
| S0 | Tocainide | Antiarrhythmic | Discontinued, no FDA-approved product commercially available |
| S0 | Tofenacin | Antidepressant | Lacks FDA approval |
| S0 | Tofisopam | Anxiolytic | Lacks FDA approval |
| S0 | Tolfenamic Acid | NSAID | Lacks FDA approval |
| S0 | Tolmetin | NSAID | Discontinued, no FDA-approved product commercially available |
| S5 | Tolvaptan | Diuretic | Jynarque, Samsca |
| S0 | Tolycaine | Local anesthetic | Lacks FDA approval |
| S0 | Topiramate | Anticonvulsant | Topamax, Qsymia (with phentermine hydrochloride) |
| S4 | Toremifene | Selective Estrogen Receptor Modulator (SERM) | Fareston |
| S5 | Torsemide (Torasemide) | Diuretic | Soanz |
| S0 | Tramazoline | Sympathomimetic | Lacks FDA approval |
| S0 | Trandolapril (and Metabolite, Trandolaprilat) | Antihypertensive | Generic |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|-----------------------------|-------------------------------|---|
| S0 | Tranlycypromine | Antidepressant | Parnate |
| S0 | Trazodone | Antidepressant | Generic |
| S1 | Trenbolone (Trendione) | Anabolic | Finaplix, Revalor, Synovex (with Estradiol), Component (with Estradiol and Tylosin) DEA Schedule III. |
| S1 | Trendione | Anabolic | Lacks FDA approval |
| S0 | Trestolone | Anabolic | Lacks FDA approval |
| S3 | Tretoquinol (Trimetoquinol) | Beta-2 agonist-bronchodilator | Lacks FDA approval |
| S5 | Triamterene | Diuretic | Dyrenium |
| S0 | Triazolam | CNS depressant | Halcion DEA Schedule IV. |
| S0 | Tribromoethanol | Anesthetic | Lacks FDA approval |
| S0 | Tricaine methanesulfonate | Anesthetic | Syncaine |
| S0 | Trichloroethanol | Sedative / Hypnotic | Lacks FDA approval |
| S0 | Trichloroethylene | Anesthetic | Lacks FDA approval |
| S0 | Triclofos | Sedative | Discontinued, no FDA-approved product commercially available |
| S0 | Tridihexethyl | Anticholinergic | No FDA-approved product |

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|----------------------------------|-------------------------------|--|
| S0 | Triflumeprazine | Sedative | Lacks FDA approval |
| S0 | Trifluoperazine | Antipsychotic | Generic |
| S0 | Trifluoromethylphenyl piperazine | Stimulant | Lacks FDA approval |
| S0 | Trifluoperidol | Antipsychotic | Lacks FDA approval |
| S0 | Triflupromazine | Antipsychotic | Discontinued, no FDA-approved product commercially available |
| S0 | Triflupromazine | Antipsychotic | Discontinued, no FDA-approved product commercially available |
| S0 | Trihexyphenidyl | Anticholinergic | Discontinued, no FDA-approved product commercially available |
| S0 | Trimecaine | Local anesthetic | Lacks FDA approval |
| S0 | Trimeprazine (Alimemazine) | Antihistamine | Temaril-P [with Prednisolone] |
| S4 | Trimetazidine | Angina treatment | Lacks FDA approval |
| S0 | Trimethadione | Anticonvulsant | Discontinued, no FDA-approved product commercially available |
| S0 | Trimethaphan | Antihypertensive / Anesthetic | Discontinued, no FDA-approved product commercially available |
| S0 | Trimipramine | Antidepressant | Generic |
| S0 | Triprolidine | Antihistamine | Triacin-C (with codeine phosphate and pseudoephedrine hydrochloride) |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--|--------------------------------|--|
| S2 | Triptorelin | Reproductive hormone modulator | Triptodur, Trelstar |
| S0 | Trometamol (Tris hydroxymethylaminomethane [THAM]) | Alkalinizing agent | Discontinued, no FDA-approved product is commercially available |
| S0 | Tuaminoheptane | Stimulant | Lacks FDA approval |
| S0 | Tubocurarine (Curare) | Muscle relaxant | Plant alkaloid Discontinued, no FDA-approved product commercially available |
| S3 | Tulobuterol | Beta-2 agonist-bronchodilator | Lacks FDA approval |
| S0 | Tybamate | Anxiolytic | Lacks FDA approval |
| S0 | Valdecoxib | NSAID | Discontinued, no FDA-approved product commercially available |
| S0 | Valnoctamide | Sedative / Hypnotic | Lacks FDA approval |
| S0 | Valproate Sodium | Anticonvulsant | Discontinued, no FDA-approved product commercially available |
| S0 | Valsartan | Antihypertensive | Diovan, Entresto (with sacubitril) |
| S0 | Vardenafil | Phosphodiesterase inhibitor | Levitra |
| S2 | Vascular-Endothelial Growth Factor (VEGF) | Growth Hormone | |
| S0 | Vedaprofen | NSAID | Lacks FDA approval |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|----------------|---|--|
| S0 | Venlafaxine | Antidepressant | Pristiq |
| S0 | Veralipride | Antipsychotic | Lacks FDA approval |
| S0 | Verapamil | Antihypertensive | Verelan, Calan |
| S3 | Vilanterol | Beta-2 agonist-bronchodilator | Trelegy, Ellipta |
| S0 | Viloxazine | Antidepressant | Qelbree |
| S0 | Vinbarbital | Hypnotic | Lacks FDA approval. DEA Schedule III. |
| S0 | Vinylbital | Sedative / Hypnotic | Lacks FDA approval |
| S2 | Xenon | Hypoxia Inducible Factor activating agent | |
| S5 | Xipamide | Diuretic | Lacks FDA approval |
| S0 | Xylometazoline | Stimulant | Afrin, Vicks Sinex |
| S0 | Zafirlukast | Asthma prevention | Accolate |
| S0 | Zaleplon | CNS depressant | Sonata DEA Schedule IV. |
| S1 | Zeranol | Anabolic | Ralgro |
| S6 | Ziconotide | Neurotoxin | Prialt |

BANNED

| HISA STATUS / SS ¹ | SUBSTANCE | ACTION | COMMERCIAL / DEVELOPMENTAL NAME(S) WHERE AVAILABLE |
|-------------------------------|--------------------------|--------------------------------------|--|
| S0 | Zileuton | Asthma prevention | Zyflo |
| S1(x) | Zilpaterol hydrochloride | Anabolic | Zilmax, Heifermax |
| S0 | Zimeldine | Antidepressant | Lacks FDA approval |
| S0 | Ziprasidone | Antipsychotic | Geodon |
| S6 | Zoledronic acid | Bisphosphonate | Reclast |
| S0 | Zolmitriptan | Selective Serotonin Receptor Agonist | Zomig |
| S0 | Zolpidem | Sedative / Hypnotic | Ambien DEA Schedule IV. |
| S0 | Zomepirac | Anticonvulsant | Lacks FDA approval |
| S0 | Zonisamide | Anticonvulsant | Zonegran |
| S0 | Zopiclone | Sedative / Hypnotic | Lunesta DEA Schedule IV. |
| S0 | Zotepine | Antipsychotic | Lacks FDA approval |
| S0 | Zuclopenthixol | Antipsychotic | Lacks FDA approval |