**质量研究用标准物质采购清单（第一批）**

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| 序号 | CAS No. | 名称 | 英文名称 |
|  | 95-55-6 | 美沙拉嗪杂质C | Impurity C (EP): 2-Aminophenol |
|  | 95-54-5 | 邻苯二胺 | Benzene-1,2-diamine |
|  | 59-89-2 | N-亚硝基吗啉 | Impurity B (EP): 4-Nitrosomorpholine |
|  | 67-20-9 | 呋喃妥英 | Nitrofurantoin |
|  | 55-86-7 | 盐酸氮芥 | N-Methyl-2,2'-dichlorodiethylamine hydrochloride |
|  | 10605-21-7 | 芬苯达唑杂质A/多菌灵 | Carbendazim |
|  | 185460-67-7 | 恩诺沙星N-氧化物盐酸盐 | Enrofloxacin N-Oxide Hydrochloride |
|  | 16915-70-1 | 尼呋索尔 | Nifursol |
|  | 148-79-8 | 噻苯咪唑 | Tiabendazole |
|  | 14698-29-4 | 恶喹酸 | Oxolinic Acid |
|  | 138892-82-7 | 恩诺沙星杂质C | 1-Cyclopropyl-7-(4-ethylpiperazin-1-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic Acid Hydrochloride (Desfluoroenrofloxacin Hydrochloride) |
|  | 99-77-4 | 4-硝基苯甲酸乙酯 | Ethyl 4-Nitrobenzoate |
|  | 95-68-1 | 双甲脒杂质A | 2,4-Dimethylaniline (2,4-Xylidine) |
|  | 93107-11-0 | 盐酸氟沙星杂质B | 1-Cyclopropyl-4-oxo-7-(piperazin-1-yl)-1,4-dihydroquinoline-3-carboxylic Acid (Desfluoro Compound) |
|  | 1010-93-1 | 甲硝唑杂质G | 2-(2-Methyl-5-nitro-1H-imidazol-1-yl)acetic Acid |
|  | 89267-41-4 | 脱氢尼群地平 | Ethyl Methyl 2,6-Dimethyl-4-(3-nitrophenyl)pyridine-3,5-dicarboxylate (Photolysis Product) |
|  | 87-59-2 | 杂质A | 2,3-Dimethylaniline |
|  | 869-24-9 | 盐酸胺碘酮杂质H | 2-Chloro-N,N-diethylethanamine Hydrochloride (2-Chlorotriethylamine Hydrochloride; (2-Chloroethyl)diethylamine Hydrochloride) |
|  | 82419-35-0 | 氧氟酸 | (RS)-9,10-Difluoro-3-methyl-7-oxo-2,3-dihydro-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic Acid (FPA) |
|  | 82050-13-3 | 氟苯达唑杂质B | (2-Amino-1H-benzimidazol-5-yl)(4-fluorophenyl)methanone |
|  | 80983-36-4 | 阿苯达唑杂质A | 5-(Propylsulphanyl)-1H-benzimidazol-2-amine |
|  | 80-18-2 | 苯磺酸阿曲库铵杂质J、苯磺酸甲酯 | Methyl Benzenesulphonate |
|  | 73857-20-2 | N-[2-[[[[5-[（二甲基氧化氨基）-甲基]呋喃-2-基]甲基]亚磺酰基]乙基]-N'-甲基-2-硝基乙烯-1,1-二胺（雷尼替丁N-氧化物） | N-[2-[[[5-[(Dimethyloxidoamino)-methyl]furan-2-yl]methyl]sulphanyl]ethyl]-N'-methyl-2-nitroethene-1,1-diamine (Ranitidine N-Oxide) |
|  | 73851-70-4 | N-[2-[[[[5-[（二甲基氨基）甲基]呋喃-2-基]甲基]亚磺酰基]乙基]-N'-甲基-2-硝基乙烯-1,1-二胺（雷尼替丁亚砜） | N-[2-[[[5-[(Dimethylamino)methyl]furan-2-yl]methyl]sulphinyl]ethyl]-N'-methyl-2-nitroethene-1,1-diamine (Ranitidine Sulphoxide) |
|  | 72830-09-2 | 2-氯甲基-3,4-二甲氧基吡啶盐酸盐 | 2-Chloromethyl-3,4-dimethoxypyridine Hydrochloride |
|  | 705-19-1 | 甲硝唑杂质E | 2-(2-Methyl-4-nitro-1H-imidazol-1-yl)ethanol |
|  | 70459-04-0 | 诺氟沙星杂质G（EP） | 1-Ethyl-6-fluoro-7-(4-formylpiperazin-1-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic Acid |
|  | 103222-12-4 | 恩诺沙星杂质G | 7-(2-Aminoethylamino)-1-cyclopropyl-6-fluoro-4-oxo-1,4-dihydroquinoline-3-carboxylic Acid (Ethylenediamine Compound) |
|  | 103-33-3 | 偶氮苯 | 1,2-Diphenyldiazene |
|  | 655-86-7 | 2,3-二氨基苯嗪 | 2,3-Diaminophenazine |
|  | 609-12-1 | 2-溴异戊酸乙酯 | Ethyl 2-Bromoisovalerate |
|  | 5958-24-7 | 盐酸氯二氮卓酮杂质B | 6-Chloro-2-(chloromethyl)-4-phenylquinazoline 3-Oxide |
|  | 56970-78-6 | 卡托普利杂质D | (2RS)-3-Bromo-2-methyl-propanoic Acid |
|  | 552-89-6 | 邻硝基苯甲醛 | 2-Nitrobenzaldehyde |
|  | 104721-52-0 | 氧氟沙星N-氧化盐酸盐 | 4-[(RS)-6-Carboxy-9-fluoro-3-methyl-7-oxo-2,3-dihydro-7H-pyrido[1,2,3-de]-1,4-benzoxazine-10-yl]-1-methylpiperazine 1-Oxide Hydrochloride (Ofloxacin N-Oxide Hydrochloride) |
|  | 5422-92-4 | 4-硝基-2-苯氧基苯胺 | 4-Nitro-2-phenoxyaniline |
|  | 531-85-1 | 盐酸联苯胺 | Biphenyl-4,4'-diamine Dihydrochloride (Benzidine Dihydrochloride) |
|  | 51765-56-1 | 4',6'-二硝基-2'-苯氧基甲烷磺酰苯胺 | N-(2,4-Dinitro-6-phenoxyphenyl)methanesulphonamide |
|  | 5006-69-9 | 甲硝唑杂质C | 2-(4-Nitro-1H-imidazol-1-yl)ethanol |
|  | 5006-68-8 | 甲硝唑杂质D | 2-(5-Nitro-1H-imidazol-1-yl)ethanol |
|  | 4569-77-1 | 2-氨基-3-羟基非那嗪 | 2-Amino-3-hydroxyphenazine |
|  | 36770-74-8 | 3-氯-N-[2-（3,4-二甲氧基苯基）乙基]-N-甲基-丙烷-1-胺 | 3-Chloro-N-[2-(3,4-dimethoxyphenyl)ethyl]-N-methyl-propan-1-amine |
|  | 36020-93-6 | 3-氨基-6-硝基-4-苯基喹啉-2（1H）-酮 | 3-Amino-6-nitro-4-phenylquinolin-2(1H)-one |
|  | 35155-28-3 | 尼麦角林EP杂质C | [(6aR,9R,10aS)-10a-Methoxy-4,7-dimethyl-4,6,6a,7,8,9,10,10a-octahydroindolo[4,3-fg]quinolin-9-yl]methanol (Methylmethoxylumilysergol) |
|  | 3259-03-8 | 2-(2-乙氧基苯氧基)溴乙烷 | 1-(2-Bromoethoxy)-2-ethoxybenzene |
|  | 2516-96-3 | 美沙拉嗪杂质M | Impurity M (EP): 2-Chloro-5-nitrobenzoic Acid |
|  | 16142-27-1 | 5-氨基-3-(4-吗啉基)-1,2,3-恶二唑盐酸盐 | Impurity A (EP) as Hydrochloride: 3-(Morpholin-4-yl)sydnonimine Hydrochloride (Linsidomine Hydrochloride) |
|  | 13908-11-7 | Lomustine杂质B | 1-(2-Chloroethyl)-3-cyclohexylurea |
|  | 130-16-5 | 西司喹 | Cloxiquine |
|  | 115538-83-5 | 阿替洛尔杂质D | 2-[4-[(2RS)-3-Chloro-2-hydroxypropoxy]phenyl]acetamide |
|  | 90-44-8 | 地蒽酚杂质A | Anthracen-9(10H)-one (Anthrone) |
|  | 87447-47-0 | 盐酸地尔硫卓杂质B | (2S,3S)-2-(4-Methoxyphenyl)-4-oxo-2,3,4,5-tetrahydro-1,5-benzothiazepin-3-yl Acetate |
|  | 72571-82-5 | 吡哌酸三水合物标准品 | Pipemidic Acid Trihydrate |
|  | 68786-66-3 | 三氯苯哒唑 | Triclabendazole |
|  | 6001-64-5 | 半水氯丁醇 | Chlorobutanol Hemihydrate |
|  | 59-97-2 | 盐酸甲苯唑啉 | Tolazoline Hydrochloride |
|  | 579-56-6 | 盐酸异舒普林 | Isoxsuprine Hydrochloride |
|  | 51-42-3 | 酒石酸肾上腺素 | Adrenaline Tartrate |
|  | 50-41-9 | 柠檬酸氯米芬 | Clomifene Citrate |
|  | 3459-15-2 | (R,S)-α-甲基溴化多巴胺 | (R,S)-alpha-Methyldopamine Hydrobromide |
|  | 298-81-7 | 8-甲氧基补骨脂素 | Methoxsalen |
|  | 15362-40-0 | 双氯芬酸钠杂质A | 1-(2,6-Dichlorophenyl)-1,3-dihydro-2H-indol-2-one |
|  | 138982-67-9 | 一水合盐酸佐帕司通 | Ziprasidone Hydrochloride Monohydrate |
|  | 129083-44-9 | 法莫替丁杂质E | 2,2'-[Disulfanediylbis-(methylenethiazole-4,2-diyl)]diguanidine |
|  | 125-51-9 | 溴哌喷酯 | Pipenzolate Bromide |
|  | 123375-94-0 | 氟桂嗪N-氧化物二盐酸盐 | Flunarizine N-Oxide Dihydrochloride |
|  | 90-05-1 | 愈创木酚 | Guaiacol |
|  | 603-00-9 | 羟丙茶碱 | Proxyphylline |
|  | 132119-20-1 | 氟苯达唑杂质F | Methyl [5-(4-Fluorobenzoyl)-1-methyl-1H-benzimidazol-2-yl]carbamate |
|  | 100-69-6 | 盐酸倍他司汀杂质A | 2-Ethenylpyridine (2-Vinylpyridine) |
|  | 97986-33-9 | 盐酸氯米芬n-氧化物 | Clomifene N-Oxide Hydrochloride |
|  | 96-97-9 | 美沙拉嗪杂质N | Impurity N (EP): 2-Hydroxy-5-nitrobenzoic Acid (5-Nitrosalicylic Acid) |
|  | 93-03-8 | （3,4-二甲氧基苯基）甲醇 | (3,4-Dimethoxyphenyl)methanol |
|  | 924663-38-7 | 雷贝拉唑N-氧化物 | Rabeprazole N-Oxide |
|  | 924663-37-6 | 雷贝拉唑砜N-氧化物 | Rabeprazole Sulphone N-Oxide |
|  | 91-16-7 | 愈创木酚杂质C | 1,2-Dimethoxybenzene(Veratrole) |
|  | 90774-69-9 | 来氟米特杂质A | 4-(Trifluoromethyl)aniline Hydrochloride |
|  | 101-82-6 | 2-苄基吡啶 | 2-Benzylpyridine |
|  | 856307-27-2 | 安乃近杂质C | Impurity C (EP) as Hydrochloride: 4-Methylamino-1,5-dimethyl-2-phenyl-1,2- dihydro-3H-pyrazol-3-one Hydrochloride (4-Methylaminophenazone Hydrochloride) |
|  | 85440-79-5 | 吲达帕胺杂质A | (2RS)-2-Methyl-1-nitroso-2,3-dihydro-1H-indole |
|  | 83922-54-7 | 盐酸索他洛尔EP杂质C | N-(4-Formylphenyl)methanesulphonamide |
|  | 83-07-8 | 安乃近杂质B | Impurity B (EP): 4-Amino-1,5-dimethyl-2- phenyl-1,2-dihydro-3H-pyrazol-3-one (Ampyrone) |
|  | 81074-81-9 | 5-(二甲基氨基甲基)糠基乙醇.盐酸盐 | [5-[(Dimethyl-amino)methyl]furan-2-yl]methanol Hydrochloride |
|  | 78025-68-0 | 甲氧苄啶EP杂质G | 5-(4-Ethoxy-3,5-dimethoxybenzyl)pyrimidine-2,4-diamine |
|  | 7643-08-5 | 2-甲基噻吩噻嗪 | 2-Methylthiophenothiazine |
|  | 75001-82-0 | 诺氟沙星EP杂质D | 1-Ethyl-6-fluoro-7-(piperazin-1-yl)quinolin-4(1H)-one |
|  | 103-32-2 | n-苄苯胺 | N-Benzylaniline |
|  | 70995-08-3 | 4-硝基-2-苯氧基苯酚 | 4-Nitro-2-phenoxyphenol |
|  | 67-52-7 | 巴比妥酸 | Barbituric Acid |
|  | 66600-13-3 | 联苯苄唑杂质D | 1,3-Bis[(biphenyl-4-yl)phenylmethyl]-1H-imidazolium Chloride |
|  | 616-47-7 | 1-甲基-1H-咪唑 | 1-Methyl-1H-imidazole |
|  | 615-16-7 | 兰索拉唑杂质D | 1H-Benzimidazol-2-ol |
|  | 60729-91-1 | 甲氧苄啶EP杂质E | 4-Amino-5-(3,4,5-trimethoxybenzyl)pyrimidin-2-ol |
|  | 60320-32-3 | 乙酰唑胺杂质A | N-(5-Chloro-1,3,4-thiadiazol-2-yl)acetamide |
|  | 5977-14-0 | 乙酰磺胺酸钾杂质A | 3-Oxobutanamide (Acetylacetamide) |
|  | 59-48-3 | 双氯芬酸钠杂质E | 1,3-Dihydro-2H-indol-2-one |
|  | 583-39-1 | 兰索拉唑杂质E | 1H-Benzimidazole-2-thiol |
|  | 5608-13-9 | 盐酸甲氧氯普胺杂质A | 4-(Acetylamino)-5-chloro-N-[2-(diethylamino)ethyl]-2-methoxybenzamide |
|  | 5577-13-9 | 格列齐特杂质C | Ethyl[(4-Methylphenyl)sulphonyl]-carbamate |
|  | 54903-07-0 | 5-苄基-4，5，6，7-四氢噻吩并[3，2-c]吡啶盐酸盐 | 5-Benzyl-4,5,6,7-tetrahydrothieno[3,2-c]pyridine Hydrochloride |
|  | 5393-55-5 | 乙酰唑胺杂质B | N-(1,3,4-Thiadiazol-2-yl)acetamide |
|  | 5344-90-1 | 盐酸米安色林杂质C | (2-Aminophenyl)methanol |
|  | 52-90-4 | 乙酰半胱氨酸杂质B | L-Cysteine |
|  | 51765-51-6 | 2-苯氧基甲烷磺酰苯胺 | N-(2-Phenoxyphenyl)methanesulphonamide |
|  | 492-22-8 | 盐酸美噻吨杂质B | 9H-Thioxanthen-9-one (Thioxanthone) |
|  | 4335-28-8 | 盐酸左旋咪唑杂质D | 6-Phenyl-2,3-dihydroimidazo[2,1-b]thiazole |
|  | 43109-77-9 | 阿达帕林杂质C | 1-(2-Methoxyphenyl)tricyclo[3.3.1.13,7]decane |
|  | 42831-50-5 | 来氟米特杂质D | 5-Methylisoxazole-4-carboxylic Acid |
|  | 4093-31-6 | 盐酸甲氧氯普胺杂质B | Methyl 4-(Acetylamino)-5-chloro-2-methoxybenzoate |
|  | 4093-29-2 | 盐酸甲氧氯普胺杂质D | Methyl 4-(Acetylamino)-2-methoxybenzoate |
|  | 38849-09-1 | 盐酸马普替林杂质A | 3-(9,10-Ethanoanthracen-9(10H)-yl)prop-2-enal |
|  | 38536-28-6 | 尼麦角林杂质A | [(6aR,9R,10aS)-10a-Methoxy-4,7-dimethyl-4,6,6a,7,8,9,10,10a-octahydroindolo[4,3-fg]quinolin-9-yl]methyl 5-Chloropyridine-3-carboxylate (Chloronicergoline) |
|  | 38339-95-6 | 盐酸甲氧氯普胺杂质F | 4-Amino-5-chloro-N-[2-(diethylamino)ethyl]-2-hydroxybenzamide |
|  | 108-95-2 | 愈创木酚杂质B | Phenol |
|  | 35139-67-4 | 2,6-二氨基-4-氯嘧啶-1-氧化物 | Impurity A (EP): 6-Chloropyrimidine-2,4-diamine 3-Oxide |
|  | 32795-44-1 | N-乙酰普鲁卡因胺 | N-Acetylprocainamide |
|  | 321-30-2 | 腺苷杂质A | 7H-Purin-6-amine Sulphate (Adenine Sulphate) |
|  | 31991-54-5 | 地蒽酚杂质C | 4,4',5,5'-Tetrahydroxy-9,9'-bianthracenyl-10,10'(9H,9'H)-dione (Dithranol Dimer) |
|  | 1097107-40-8 | 氟苯达唑杂质C | (4-Fluorophenyl)(2-hydroxy-1H-benzimidazol-5-yl)methanone |
|  | 30806-86-1 | 甲氧苄啶EP杂质B | (2,4-Diaminopyrimidin-5-yl)-(3,4,5-trimethoxyphenyl)methanone |
|  | 29619-45-2 | 6,6'-二甲氧基-2,2'-联萘 | Impurity F (EP): 6,6'-Dimethoxy-2,2'-binaphthaleny |
|  | 29606-06-2 | 甲氧苄啶EP杂质C | (RS)-(2,4-Diaminopyrimidin-5-yl)(3,4,5-trimethoxyphenyl)methanol |
|  | 2867-47-2 | 碱性丁基化甲基丙烯酸酯共聚物杂质A、甲基丙烯酸2-(二甲氨基)乙酯 | 2-(Dimethylamino)ethyl Methacrylate |
|  | 2688-84-8 | 2-氨基二苯醚 | 2-Phenoxyaniline |
|  | 26280-83-1 | 吡哆醇二乙酸酯 | Pyridoxine Diacetate |
|  | 2380-94-1 | 4-羟基吲哚 | 1H-Indol-4-ol |
|  | 213745-86-9 | 甲氧苄啶EP杂质A | N2-Methyl-5-(3,4,5-trimethoxybenzyl)pyrimidine-2,4-diamine |
|  | 1115-65-7 | l-半胱氨酸亚磺酸 | L-Cysteinesulfinic Acid |
|  | 20662-53-7 | 苯哌啶醇杂质A | 1-(Piperidin-4-yl)-1,3-dihydro-2H-benzimidazol-2-one |
|  | 19281-31-3 | 2-氯-N-(2-甲基苯基)丙酰胺 | (RS)-2-Chloro-N-(2-methylphenyl)propanamide |
|  | 112251-56-6 | (Z)-1-({2-[({5-[(二甲基氨基)甲基]-2-呋喃基}甲基)硫基]乙基}氨基)-2-硝基乙烯醇钠盐 | N-[2-[[[5-[(Dimethylamino)methyl]furan-2-yl]methyl]sulphanyl]ethyl]-2-nitroacetamide Sodium Salt |
|  | 1771-18-2 | 马来酸左美丙嗪杂质A | 2-Methoxyphenothiazine |
|  | 168167-42-8 | 兰索拉唑杂质F | 2-[(RS)-[(4-Chloro-3-methylpyridin-2-yl)methyl]sulphinyl]-1H-benzimidazole |
|  | 1676-63-7 | 兰索拉唑杂质 | 4-Ethoxyacetophenone |
|  | 16285-82-8 | 甲氧苄啶EP杂质F | 5-(3-Bromo-4,5-dimethoxybenzyl)pyrimidine-2,4-diamine |
|  | 113698-83-2 | 曲美他嗪二盐酸盐EP杂质F | 1-(2,4,6-Trimethoxybenzyl)piperazine Dihydrochloride |
|  | 158812-85-2 | 埃索美拉唑杂质I | 4-Methoxy-2-[[(5-methoxy-1H-benzimidazol-2-yl)sulphonyl]methyl]-3,5-dimethylpyridine 1-Oxide (Omeprazole Sulphone N-Oxide) |
|  | 15469-97-3 | 克霉唑杂质F | 1-(Triphenylmethyl)-1H-imidazole (Deschloroclotrimazole) |
|  | 133210-96-5 | 盐酸氟沙星杂质D | 7-Chloro-1-cyclopropyl-4-oxo-6-(piperazin-1-yl)-1,4-dihydroquinoline-3-carboxylic Acid |
|  | 1310815-19-0 | 盐酸去乙基氯米芬 | Desethylclomifene Hydrochloride |
|  | 1257-19-8 | 曲美他嗪二盐酸盐EP杂质B | 1,4-Bis(2,3,4-trimethoxybenzyl)piperazine |
|  | 125656-83-9 | 奥美拉唑EP杂质G | 9-Methoxy-1,3-dimethyl-12-thioxopyrido[1',2':3,4]imidazo[1,2-a]benzimidazol-2(12H)-one |
|  | 125656-82-8 | 奥美拉唑EP杂质F | 8-Methoxy-1,3-dimethyl-12-thioxopyrido[1',2':3,4]imidazo[1,2-a]benzimidazol-2(12H)-one |
|  | 122-66-7 | 1,2-二苯肼 | 1,2-Diphenyldiazane (1,2-Diphenylhydrazine) |
|  | 1202-34-2 | 马来酸氯苯那敏杂质B | N-(Pyridin-2-yl)pyridin-2-amine (2,2'-Dipyridylamine) |
|  | 117976-47-3 | 雷贝拉唑砜 | Rabeprazole Sulphone |
|  |  |  |  |
| 序号 | 结构式 | 名称 | 英文名称 |
| 147 |  | 盐酸阿替卡因杂质J | Methyl 3-[[(2RS)-2-Bromopropanoyl]amino]-4-methylthiophene-2-carboxylate (Bromo Compound) |
| 148 |  | 盐酸胺碘酮杂质A | (2-Butylbenzofuran-3-yl)[4-[2-(diethylamino)ethoxy]phenyl]methanone Oxalate |
| 149 |  | 盐酸胺碘酮杂质C | (2-Butylbenzofuran-3-yl)[4-[2-(diethylamino)ethoxy]-3-iodophenyl]methanone Hydrochloride |
| 150 |  | 4-氨基茚满盐酸盐 | 4-Aminoindan Hydrochloride |
| 151 |  | 氟苯达唑杂质D | (1H-Benzimidazol-5-yl)(4-fluorophenyl)methanone |
| 152 |  | 多沙唑嗪杂质F、2-氯-6,7-二甲氧基喹唑啉-4-胺甲磺酸盐 | 2-Chloro-6,7-dimethoxyquinazolin-4-amine Mesilate |
| 153 |  | 盐酸阿替卡因杂质F | 4-Methyl-N-propyl-3-[[(2RS)-2-(propylamino)propanoyl]amino]thiophene-2-carboxamide Hydrochloride (Articaine Acid Propionamide Hydrochloride) |