

United States International Trade Commission

# **Modifications to the Harmonized Tariff Schedule of the United States to Implement Changes to the Pharmaceutical Appendix**

USITC Publication 4208  
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# **U.S. International Trade Commission**

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# **U.S. International Trade Commission**

Washington, DC 20436  
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## **Modifications to the Harmonized Tariff Schedule of the United States to Implement Changes to the Pharmaceutical Appendix**



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Pursuant to the letter of request from the United States Trade Representative of December 15, 2010, set forth at the end of this publication, and pursuant to section 1207(a) of the Omnibus Trade and Competitiveness Act, the United States International Trade Commission is publishing the following modifications to the Harmonized Tariff Schedule of the United States (HTS) to implement changes to the Pharmaceutical Appendix, effective on January 1, 2011.



**Table 1**  
**International Nonproprietary Name (INN) products proposed for addition to the Pharmaceutical Appendix to the Harmonized Tariff Schedule**

<b>INN</b>	<b>CAS Number</b>
Abagovomab	792921-10-9
Acridinium Bromide	320345-99-1
Aderbasib	791828-58-5
Adiplon	840486-93-3
Adoprazine	222551-17-9
Afimoxifene	68392-35-8
Aflibercept	862111-32-8
Agatolimod	207623-20-9
Alacizumab Pegol	934216-54-3
Albiglutide	782500-75-8
Albinterferon Alfa-2b	472960-22-8
Alcaftadine	147084-10-4
Aleglitazar	475479-34-6
Aleplasinin	481629-87-2
Alferminogene Tadenovec	473553-86-5
Alipogene Tiparovec	929881-05-0
Almorexant	871224-64-5
Alogliptin	850649-61-5
Alvespimycin	467214-20-6
Amibegron	121524-08-1
Amifampridine	54-96-6
Amolimogene Bepiplasmid	870524-46-2
Amsilarotene	125973-56-0
Anacetrapib	875446-37-0
Anamorelin	249921-19-5
Anrukinzumab	910649-32-0
Apadenoson	250386-15-3
Apilimod	541550-19-0
Aplaviroc	461443-59-4
Apremilast	608141-41-9
Apricitabine	160707-69-7
Apricoxib	197904-84-0
Arbaclofen Placarbil	847353-30-4
Arterolane	664338-39-0
Atacicept	845264-92-8
Axitinib	319460-85-0
Azilsartan	147403-03-0
Azilsartan Medoxomil	863031-21-4
Azoximer Bromide	892497-01-7

Bafetinib	859212-16-1
Balamapimod	863029-99-6
Baminercept	909110-25-4
Bavituximab	648904-28-3
Bederocin	757942-43-1
Bedoradrine	194785-19-8
Befiradol	208110-64-9
Begacestat	769169-27-9
Belinostat	414864-00-9
Bentamapimod	848344-36-5
Bepermingene Perplasmid	627861-07-8
Beroctocog Alfa	9001-27-8
Berubicin	677017-23-1
Besifloxacin	141388-76-3
Betrixaban	330942-05-7
Bevasiranib	959961-96-7
Bevirimat	174022-42-5
Boceprevir	394730-60-0
Bosutinib	380843-75-4
Brecanavir	313682-08-5
Bremelanotide	189691-06-3
Briobacept	869881-54-9
Brivanib Alaninate	649735-63-7
Bucelipase Alfa	9026-00-0
Cabazitaxel	183133-96-2
Camobucol	216167-92-9
Canakinumab (light chain)	402710-27-4
Canakinumab (heavy chain)	402710-25-2
Capadenoson	544417-40-5
Capeserod	769901-96-4
Carfilzomib	868540-17-4
Cariprazine	839712-12-8
Carisbamate	194085-75-1
Carmegliptin	813452-18-5
Casopitant	414910-27-3
Catramilast	183659-72-5
Catridecacog	606138-08-3
Cediranib	288383-20-0
Ceftaroline Fosamil	229016-73-3
Celivarone	401925-43-7
Cenersen	872847-66-0
Cevipabulin	849550-05-6



Cevoglitazar	839673-52-8
Choline Fenofibrate	856676-23-8
Cinaciguat	329773-35-5
Citatuzumab Bogatox	945228-49-9
Cobiprostone	333963-42-1
Conatumumab	896731-82-1
Conestat Alfa	80295-38-1
Contusugene Ladenovec	600735-73-7
Custirsen	903916-27-8
Dacetuzumab	880486-59-9
Dalcetrapib	211513-37-0
Danusertib	827318-97-8
Dapagliflozin	461432-26-8
Daporinad	201034-75-5
Darapladib	356057-34-6
Darinaparsin	69819-86-9
Darotropium Bromide	850607-58-8
Dasatinib	302962-49-8
Delimotecan	187852-63-7
Demiditraz	944263-65-4
Denagliptin	483369-58-0
Denicocin	716840-32-3
Denibulin	284019-34-7
Denosumab	615258-40-7
Derquantel	187865-22-1
Dexamethasone Cipeclilate	132245-57-9
Dexelvucitabine	134379-77-4
Dexnebivolol	118457-15-1
Diaplasinin	481631-45-2
Dilopetine	247046-52-2
Disitertide	272105-42-7
Disomotide	181477-43-0
Dovitinib	405169-16-6
Drinabant	358970-97-5
Dulanermin	867153-61-5
Dutacatib	501000-36-8
Edoxaban	480449-70-5
Efungumab	762260-74-2
Elacytarabine	188181-42-2
Elagolix	834153-87-6
Eldecalcitol	104121-92-8
Elesclomol	488832-69-5

Elocalcitol	199798-84-0
Elsibucol	216167-95-2
Eltrombopag	496775-61-2
Elvitegravir	697761-98-1
Emricasan	254750-02-2
Entinostat	209783-80-2
Epetirimod	227318-71-0
Epoetin Kappa	879555-13-2
Epoetin Theta	762263-14-9
Eprodisate	21668-77-9
Eprotirome	355129-15-6
Eribaxaban	536748-46-6
Eribulin	253128-41-5
Esreboxetine	98819-76-2
Etaracizumab	892553-42-3
Ezatiostat	168682-53-9
Fasobegron	643094-49-9
Favipiravir	259793-96-9
Faxeladol	433265-65-7
Fermagate	119175-48-3
Ferric Carboxymaltose	9007-72-1
Ferroquine	185055-67-8
Fimasartan	247257-48-3
Firategrast	402567-16-2
Flopristin	318498-76-9
Flovagatran	871576-03-3
Fluticasone Furoate	397864-44-7
Folitixorin	3432-99-3
Foravirumab	944548-38-3
Fosalvudine Tidoxil	763903-67-9
Fosaprepitant	172673-20-0
Fospropofol	258516-89-1
Gabapentin Enacarbil	478296-72-9
Gamithromycin	145435-72-9
Gantenerumab	89957-37-9
Giripladib	865200-20-0
Golotimod	229305-39-9
Goxalapladi	412950-27-7
Ibalizumab	680188-33-4
Ibipinabant	464213-10-3
Ibodutant	522664-63-7
Idrabiotaparinux Sodium	405159-59-3

Ilepatril	473289-62-2
Imeglimin	775351-65-0
Imepitoin	188116-07-6
Imisopasem Manganese	218791-21-0
Inakalant	335619-18-6
Incyclinide	15866-90-7
Indantadol	202844-10-8
Inolitazone	223132-37-4
Intiquinate	445041-75-8
Iodofiltic Acid (123I)	123748-56-1
Ipilimumab	477202-00-9
Iratumumab	640735-09-7
Isavuconazole	241479-67-4
Isavuconazonium Chloride	338990-84-4
Lancovutide	1391-36-2
Lapaquistat	189059-71-0
Larazotide	258818-34-7
Laromustine	173424-77-6
Laropiprant	571170-77-9
Larotaxel	156294-36-9
Lensiprazine	327026-93-7
Levamlodipine	103129-82-4
Levomefolic Acid	31690-09-2
Levomilnacipran	96847-55-1
Levonadifloxacin	154357-42-3
Levonebivolol	118457-16-2
Lexatumumab	845816-02-6
Lifciguat	170632-47-0
Linaclotide	851199-59-2
Linagliptin	668270-12-0
Linopristin	325965-23-9
Lisdexamfetamine	608137-32-2
Litenimod	852313-25-8
Lixisenatide	320367-13-3
Lobeglitazone	607723-33-1
Lodenafil Carbonate	398507-55-6
Lonaprisan	211254-73-8
Lorcaserin	616202-92-7
Lucatumumab	903512-50-5
Macitentan	441798-33-0
Managlinat Dialanetil	280782-97-0
Masilukast	136564-68-6

Masitinib	790299-79-5
Mavacoxib	170569-88-7
Melogliptin	868771-57-7
Metenkefalin	58569-55-4
Methylnaltrexone Bromide	73232-52-7
Mifamurtide	83461-56-7
Migalastat	108147-54-2
Milatuzumab	899796-83-9
Milveterol	652990-07-3
Mimopezil	180694-97-7
Mipomersen	1000120-98-8
Mirabegron	223673-61-8
Mirodenafil	862189-95-5
Monepantel	887148-69-8
Motavizumab	677010-34-3
Motesanib	453562-69-1
Naproxcinod	163133-43-5
Naptumomab Estafenatox	676258-98-3
Nelivaptan	439687-69-1
Nemonoxacin	378746-64-6
Nepidermin	62253-63-8
Neratinib	698387-09-6
Nesbuvir	691852-58-1
Nilotinib	641571-10-0
Nimotuzumab	828933-51-3
Niraxostat	206884-98-2
Obatoclax	803712-67-6
Obinepitide	348119-84-6
Obinutuzumab	949142-50-1
Ocrelizumab	637334-45-3
Odanacetib	603139-19-1
Oglemilast	778576-62-8
Olaparib	763113-22-0
Olesoxime	22033-87-0
Omacetaxine Mepesuccinate	26833-87-4
Ombrabulin	181816-48-8
Omtriptolide	195883-06-8
Orvepitant	579475-18-6
Otelixizumab	881191-44-2
Otenabant	686344-29-6
Ovemetide	181477-91-8
Ozarelix	295350-45-7

Ozenoxacin	245765-41-7
Padeliporfin	759457-82-4
Pafuramidine	186953-56-0
Palifosfamide	31645-39-3
Palovarotene	410528-02-8
Pamapimod	449811-01-2
Panobinostat	404950-80-7
Paquinimod	248282-01-1
Pardoprunox	269718-84-5
Parogrelil	139145-27-0
Pazopanib	444731-52-6
Pegloticase	885051-90-1
Perampanel	380917-97-5
Peretinoin	81485-25-8
Pexacerfont	459856-18-9
Pimavanserin	706779-91-1
Piragliatin	625114-41-2
Pitolisant	362665-56-3
Pomalidomide	19171-19-8
Posaraprost	172740-14-6
Pramiconazole	219923-85-0
Preladenant	377727-87-2
Prinaberel	524684-52-4
Pyronaridine	74847-35-1
Quarfloxin	865311-47-3
Rabeximod	872178-65-9
Radezolid	869884-78-6
Radiprodil	496054-87-6
Rafivirumab	944548-37-2
Raltegravir	518048-05-0
Regrelor	787548-03-2
Relacatib	362505-84-8
Remogliflozin Etabonate	442201-24-3
Resatorvid	243984-11-4
Retaspimycin	857402-23-4
Retosiban	820957-38-8
Ridaforolimus	572924-54-0
Rilapladib	412950-08-4
Rilonacept	501081-76-1
Riociguat	625115-55-1
Rolapitant	552292-08-7
Rolipoltide	698389-00-3

Rolofylline	136199-02-5
Romidepsin	128517-07-7
Romiplostim	267639-76-9
Ronacaleret	753449-67-1
Ropidoxuridine	093265-81-7
Rosabulin	501948-05-6
Rosonabant	861151-12-4
Rotigaptide	355151-12-1
Rusalatide	497221-38-2
Sagopilone	305841-29-6
Salirasib	162520-00-5
Sapacitabine	151823-14-2
Saracatinib	379231-04-6
Semagacestat	425386-60-3
Semuloparin Sodium	9041-08-1
Senicapoc	289656-45-7
Sergliflozin Etabonate	408504-26-7
Simotaxel	791635-59-1
Sitagliptin	486460-32-6
Sitimagine Ceradenovec	898830-54-1
Sivifene	2675-35-6
Sodelglitazar	447406-78-2
Sofigatran	187602-11-5
Sontuzumab	372075-37-1
Sotirimod	227318-75-4
Sotrastaurin	425637-18-9
Stamulumab	705287-60-1
Succinobucol	216167-82-7
Tadocizumab	339086-80-5
Talarozole	870093-23-5
Talmapimod	309913-83-5
Talotrexin	113857-87-7
Tanespimycin	75747-14-7
Tanezumab	880266-57-9
Taranabant	701977-09-5
Tarenflurbil	051543-40-9
Taribavirin	119567-79-2
Tasimelteon	609799-22-6
Tasisulam	519055-62-0
Taspoglutide	275371-94-3
Tecovirimat	816458-31-8
Telaprevir	402957-28-2

Telatinib	332012-40-5
Tenatumomab (light chain)	592557-43-2
Tenatumomab (heavy chain)	592557-41-0
Teneligliptin	760937-92-6
Teplizumab	876387-05-2
Terameprocol	24150-24-1
Tertomotide	915019-08-8
Tesamorelin	218949-48-5
Tezampanel	154652-83-2
Thrombin Alfa	869858-13-9
Ticagrelor	274693-27-5
Tigapotide	848084-83-3
Tigatuzumab	918127-53-4
Tildipirosin	328898-40-4
Tipelukast	125961-82-2
Tiplasinin	393105-53-8
Tomopenem	222400-20-6
Tosedostat	238750-77-1
Totrombopag	376592-42-6
Trabedersen	925681-61-4
Tramiprosate	3687-18-1
Transferrin Aldifitox	721946-42-5
Trelanserin	189003-92-7
Tremelimumab	745013-59-6
Tridecactide	22006-64-0
Tropantiole	189950-11-6
Troplasminogen Alfa	931101-84-7
Tucotuzumab Celmoleukin	339986-90-2
Tylvalosin	63409-12-1
Ustekinumab	815610-63-0
Vabicaserin	620948-93-8
Vadimezan	117570-53-3
Vapitadine	793655-64-8
Vatreptacog Alfa (Activated)	897936-89-9
Velafermin	697766-75-9
Velaglucerase Alfa	884604-91-5
Veliflapon	128253-31-6
Velimogene Aliplasmid	296251-72-4
Velneperit	342577-38-2
Veltuzumab	728917-18-8
Vernakalant	794466-70-9
Verpasep Caltспен	295371-00-5

Vicriviroc	306296-47-9
Viquidacin	904302-98-3
Voclosporin	515814-01-4
Volinaserin	139290-65-6
Vorinostat	149647-78-9
Votucalis	872525-61-6
Zibotentan	186497-07-4
Zotarolimus	221877-54-9



**Table 2**  
**Prefixes and suffixes proposed for addition to the Pharmaceutical Appendix to the Harmonized Tariff Schedule**

<b>Item</b>
alanetil
alaninate
alapivoxil
ceribate
cipeccilate
dalanated
enacarbil
etexilate
fosamil
glucuronide
medocaril
placarbil
aldifitox
aritox
besudotox
estafenatox
paptox



**Table 3**  
**Pharmaceutical intermediates proposed for addition to the Pharmaceutical Appendix to the Harmonized Tariff Schedule of the United States**

Product Name	CAS Number
(2R)-phenyl[(2R)-piperidin-2-yl]ethanoic acid hydrochloride	741705-70-4
methyl (1S,2S,3S,4R)-3-[(1S)-1-amino-2-ethylbutyl]-4-[(tert-butoxycarbonyl)amino]-2-hydroxycyclopentanecarboxylate	316173-29-2
disodium 5,5'-[(2-hydroxypropane-1,3-diyl)bis(oxy)]bis(4-oxo-4H-chromene-2-carboxylate)	15826-37-6
N,N',N''-(boroxin-2,4,6-triyltris{[(1S)-3-methylbutane-1,1-diyl]imino[(2S)-1-oxo-3-phenylpropane-1,2-diyl]})tripyrazine-2-carboxamide	390800-88-1
1-(2-ethylbutyl)cyclohexanecarbonyl chloride	211515-46-7
1-(2-ethylbutyl)-N-(2-sulfanylphenyl)cyclohexanecarboxamide	211513-21-2
ethyl 2-amino-9,10-dimethoxy-1,6,7,11b-tetrahydro-4H-pyrido[2,1-a]isoquinoline-3-carboxylate	1012065-72-3
3-(1,1-dimethylethyl)-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-1-(triphenylmethyl)-L-histidyl-2-methylalanyl-L- $\alpha$ -glutamylglycine	1000164-35-1
N-(4-tert-butylbenzyl)-2-(4-chloro-3-ethylphenyl)ethanamine	945717-43-1
2-(4-chloro-3-ethylphenyl)ethanamine hydrochloride	945717-05-5
ethyl (3aR,7R,7aR)-2,2-dimethyl-7-[(methylsulfonyl)oxy]-3a,6,7,7a-tetrahydro-1,3-benzodioxole-5-carboxylate	204254-84-2
(2R,3R,4R,5R)-2-(4-amino-5-fluoro-2-oxopyrimidin-1(2H)-yl)-2-fluoro-5-methyltetrahydrofuran-3,4-diyl diacetate	161599-46-8
(2R,3S,4R)-5-(4-amino-2-oxopyrimidin-1(2H)-yl)-2-azido-2-[(2-methylpropanoyl)oxy]methyl}tetrahydrofuran-3,4-diyl bis(2-methylpropanoate) hydrochloride	690270-65-6
{(2R,3S,4R,5R)-2-azido-5-(2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)-3,4-bis[(phenylcarbonyl)oxy]tetrahydrofuran-2-yl}methyl 3-chlorobenzoate	812647-80-6
1-(2-ethylbutyl)cyclohexanecarboxylic acid	381209-09-2
1-(2-ethylbutyl)cyclohexanecarbonitrile	855425-38-6
(4S)-1-[(2S,3S,11bS)-2-amino-9,10-dimethoxy-1,3,4,6,7,11b-hexahydro-2H-pyrido[2,1-a]isoquinolin-3-yl]-4-(fluoromethyl)pyrrolidin-2-one dihydrochloride	813452-14-1
(4S)-4-(fluoromethyl)dihydrofuran-2(3H)-one	916069-80-2
2-[4-(aminomethyl)phenoxy]-N,N-dimethylethanamine	20059-73-8
trans-4-(propan-2-yl)cyclohexanecarboxylic acid	7077-05-6
(3 $\beta$ )-3-hydroxycholest-5-en-24-one	17752-16-8
3-ethyl-5-methyl-4-(2-chlorophenyl)-2-[[2-(1,3-dioxo-1,3-dihydro-2H-isoindol-2-yl)ethoxy]methyl]-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate	88150-62-3
(1S)-1,5:7,10-dianhydro-12,13-bis-O-[tert-butyl(dimethyl)silyl]-2,3,4,6,8,11-hexadeoxy-1-{2-[(2S,5S)-5-(3-hydroxypropyl)-3-methylidenetetrahydrofuran-2-yl]ethyl}-3-methyl-9-O-methyl-4-methylidene-8-[(phenylsulfonyl)methyl]-D-arabino-D-altro-tridecitol	253128-10-8
(2R,4R)-4-[[tert-butyl(dimethyl)silyl]oxy]-N-methoxy-N,2-dimethyloct-7-enamide	914922-88-6

(4R)-2-bromo-7-[[tert-butyl(diphenyl)silyl]oxy]hept-1-en-4-yl 4-methylbenzenesulfonate	871355-80-5
(2R,4R)-4-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]-N-methoxy-N,2-dimethyl-7-oxoheptanamide	914922-89-7
(2-bromoethenyl)(trimethyl)silane	13682-94-5
methyl 3-(trimethylsilyl)pent-4-enoate	185411-12-5
1-[[[(2R,3S)-2-(2,4-difluorophenyl)-3-methyloxiran-2-yl]methyl]-1H-1,2,4-triazole	127000-90-2
4-(bromoacetyl)benzotrile	20099-89-2
(3R)-3-methoxydecan-1-ol	185954-75-0
2-(1,3,2-dioxaborinan-2-yl)benzotrile	172732-52-4
4,5-diethoxy-3-fluorobenzene-1,2-dicarbonitrile	474554-45-5
2-bromo-1-[3-tert-butyl-4-methoxy-5-(morpholin-4-yl)phenyl]ethanone	474554-48-8
L-lysine -- [[[(2R,3R)-3-[4-(4-cyanophenyl)-1,3-thiazol-2-yl]-2-(2,4-difluorophenyl)-1-(1H-1,2,4-triazol-1-yl)butan-2-yl]oxy]methyl dihydrogen phosphate -- ethanol (1:1:1)	914361-45-8
4-{3-chloro-4-[(cyclopropylcarbonyl)amino]phenoxy}-7-methoxyquinoline-6-carboxamide methanesulfonate	417716-92-8
2-[[[4-[(2,2-dimethyl-1,3-dioxan-5-yl)methoxy]-3,5-dimethylpyridin-2-yl]methyl]sulfinyl]-1Hbenzimidazole, sodium salt (1:1)	913695-00-8
(1R)-1,2-anhydro-4-C-[(1E,3E)-4-[(1S,2S,3E,5R,6R,9R)-5-(1-carboxylato-4-cycloheptylpiperazin-2-yl)-6,9-dihydroxy-2,6-dimethyl-11-oxooxacyclododec-3-en-1-yl]penta-1,3-dien-1-yl]-3,5-dideoxy-1-[(2R,3S)-3-hydroxypentan-2-yl]-D-erythropentitol	630100-90-2
[6(2Z,3R)]-3-O-decyl-2-deoxy-6-O-[2-deoxy-3-O-(3-methoxydecyl)-6-methyl-2-[(1-oxo-11-octadecenyl)amino]-4-O-phosphono-β-D-glucopyranosyl]-2-[(1,3-dioxotetradecyl)amino]-α-D-glucopyranose 1-(dihydrogen phosphate) tetrasodium salt	185954-98-7
2-[2-(2,2,2-trifluoroethoxy)phenoxy]ethyl methanesulfonate	160969-03-9
3-{5-[(2R)-2-aminopropyl]-7-cyano-2,3-dihydro-1H-indol-1-yl}propyl benzoate (2R,3R)-2,3-dihydroxybutanedioate	239463-85-5
4,6,7,8-tetrahydroquinoline-2,5(1H,3H)-dione	5057-12-5
5-(4-chlorobutyl)-1-cyclohexyl-1H-tetrazole	73963-42-5
6-hydroxy-3,4-dihydroquinolin-2(1H)-one	54197-66-9
8,9-difluoro-5-methyl-1-oxo-6,7-dihydro-1H,5H-pyrido[3,2,1-ij]quinoline-2-carboxylic acid	80076-47-7
7-hydroxy-3,4-dihydroquinolin-2(1H)-one	22246-18-0
4-chlorobutyl 2-nitrobenzenesulfonate	441002-17-1
3-(2-oxo-1,2-dihydroquinolin-4-yl)alanine	5162-90-3
4-(bromomethyl)quinolin-2(1H)-one	4876-10-2
1-[(4-methylphenyl)sulfonyl]-1,2,3,4-tetrahydro-5H-1-benzazepin-5-one	24310-36-9

4-[(2-methylphenyl)carbonylamino]benzoic acid	108166-22-9
2-methyl-4-[(2-methylphenyl)carbonylamino]benzoic acid	317374-08-6
7-chloro-1-[(4-methylphenyl)sulfonyl]-1,2,3,4-tetrahydro-5H-1-benzazepin-5-one	193686-76-9
6-(chloroacetyl)pyridine-2-carboxylic acid	298692-34-9
3,4-diethoxybenzenecarbothioamide	60759-00-4
4-[4-[4-(trifluoromethoxy)phenoxy]piperidin-1-yl]phenol 4-methylbenzenesulfonate	866109-93-5
[(2R)-2-methyloxiran-2-yl]methyl 4-nitrobenzenesulfonate	683276-64-4
2-bromo-4-nitro-1H-imidazole	65902-59-2
2-chloro-4-nitro-1H-imidazole	57531-37-0
4-nitrobenzyl(6R,7R)-7-amino-8-oxo-3-[(2S)-tetrahydrofuran-2-yl]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate hydrochloride	655233-39-3
[4-amino-N-(pyrimidin-2(1H)-ylidene-kN1)benzenesulfonamidato-kO]silver	22199-08-2
2-[2-(3-methoxyphenyl)ethyl]phenol	167145-13-3
N-[[4-(4-fluorobenzyl)morpholin-2-yl]methyl]acetamide	112913-94-7
{2-[(4-chlorophenyl)sulfanyl]phenyl}acetic acid	13459-62-6
N-cyclohexyl-5-hydroxypentanamide	84996-93-0
4-chloro-2-[(2-methoxy-2-oxoethoxy)imino]-3-oxobutanoic acid	95759-10-7
tert-butyl-2-[(2-methoxy-2-oxoethoxy)imino]-3-oxobutanoate	268544-50-9
tert-butyl (2Z)-2-[(2-methoxy-2-oxoethoxy)imino]-3-oxobutanoate	84080-68-2
sodium (2Z)-(2-amino-1,3-thiazol-4-yl)(hydroxyimino)ethanoate	127660-04-2
diphenylmethyl(2R)-3-methyl-2-[(1R,5S)-3-(4-methylphenyl)-7-oxo-4-oxa-2,6-diazabicyclo[3.2.0]hept-2-en-6-yl]but-3-enoate	67978-05-6
4-(hydroxymethyl)-5-methyl-1,3-dioxol-2-one	91526-18-0
2-[(8S)-1,6,7,8-tetrahydro-2H-indeno[5,4-b]furan-8-yl]ethanamine hydrochloride	196597-80-5
(2E)-1,2,6,7-tetrahydro-8H-indeno[5,4-b]furan-8-ylideneethanenitrile	196597-79-2
methyl 1-[(2'-cyanobiphenyl-4-yl)methyl]-2-ethoxy-1H-benzimidazole-7-carboxylate	139481-44-0
methyl 2-[[2'-cyanobiphenyl-4-yl)methyl]amino]-3-nitrobenzoate	139481-28-0
2-[(6-chloro-3-methyl-2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)methyl]benzotrile	865758-96-9
(3R)-piperidin-3-amine dihydrochloride	334618-23-4
iodomethyl pivalate	53064-79-2



3,3'-piperidine-1,4-diyl dipropan-1-ol 4-methylbenzenesulfonate	936637-40-0
4,4'-[piperidine-1,4-diylbis(propane-3,1-diyl oxy)]dibenzonitrile	873546-80-6
4,4'-[piperidine-1,4-diylbis(propane-3,1-diyl oxy)]bis(N'-hydroxybenzenecarboximidamide)	873546-30-6
4,4'-[piperidine-1,4-diylbis(propane-3,1-diyl oxy)]bis[N'-(acetyloxy)benzenecarboximidamide]	873546-74-8
4,4'-[piperidine-1,4-diylbis(propane-3,1-diyl oxy)]dibenzene carboximidamide trihydrochloride pentahydrate	873546-38-4
benzyl 2-(4-fluoro-2-methylphenyl)-4-oxo-3,4-dihydropyridine-1(2H)-carboxylate	414909-98-1
(1R)-1-[3,5-bis(trifluoromethyl)phenyl]-N-methylethanamine	334477-60-0
(2S)-hydroxy(phenyl)ethanoic acid -- (2R)-2-(4-fluoro-2-methylphenyl)piperidin-4-one (1:1)	414910-13-7
ethyl [(3-endo)-8-methyl-8-azabicyclo[3.2.1]oct-3-yl]acetate	56880-11-6
(1R)-2-(benzylamino)-1-(2,2-dimethyl-4H-1,3-benzodioxin-6-yl)ethanol	452342-08-4
(5R)-5-(2,2-dimethyl-4H-1,3-benzodioxin-6-yl)-1,3-oxazolidin-2-one	452339-73-0
2-[(2,6-dichlorobenzyl)oxy]ethanol	85309-91-7
2-({2-[(6-bromohexyl)oxy]ethoxy}methyl)-1,3-dichlorobenzene	503070-57-3
(5R)-3-(6-{2-[(2,6-dichlorobenzyl)oxy]ethoxy}hexyl)-5-(2,2-dimethyl-4H-1,3-benzodioxin-6-yl)-1,3-oxazolidin-2-one	503068-36-8
triphenylacetic acid -- 4-({(1R)-2-[(6-{2-[(2,6-dichlorobenzyl)oxy]ethoxy}hexyl)amino]-1-hydroxyethyl)-2-(hydroxymethyl)phenol (1:1)	503070-58-4
5-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-6-quinazoliny]-2-furancarboxaldehyde 4-methylbenzenesulfonate (1:1)	388082-75-5
1,2,3,4,6-penta-O-acetyl-β-D-glucopyranose	604-69-3
methyl 3'-aminobiphenyl-3-carboxylate	168619-25-8
N-(2-chloroethyl)acetamide	7355-58-0
methyl 3'-(2-methyl-4,5-dihydro-1H-imidazol-1-yl)biphenyl-3-carboxylate	451470-33-0
(2R)-2-(3-chlorophenyl)oxirane	62600-71-9
N-methylbenzenecarbothiohydrazide	21048-05-5
1-[(methylsulfonyl)carbonyloxy]ethyl 2-methylpropanoate	860035-07-0
1-([(2,5-dioxopyrrolidin-1-yl)oxy]carbonyloxy)ethyl 2-methylpropanoate	860035-10-5
[(3S,4R)-4-(4-fluorophenyl)-1-methylpiperidin-3-yl]methanol	105812-81-5
(2R)-2-[(5-bromo-2,3-difluorophenoxy)methyl]oxirane	702687-42-1
ethyl 3-(3-[(2R)-3-[[1-(2,3-dihydro-1H-inden-2-yl)-2-methylpropan-2-yl]amino]-2-hydroxypropyl]oxy)-4,5-difluorophenyl)propanoate hydrochloride	702686-97-3
(4S)-4-ethyl-4-hydroxy-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinoline-3,14(4H,12H)-dione	7689-03-4

9H-carbazol-4-ol	52602-39-8
2-[(4-fluorobenzyl)sulfanyl]-1,5,6,7-tetrahydro-4H-cyclopenta[d]pyrimidin-4-one	451487-18-6
{2-[(4-fluorobenzyl)sulfanyl]-4-oxo-4,5,6,7-tetrahydro-1H-cyclopenta[d]pyrimidin-1-yl}acetic acid	356058-42-9
4'-(trifluoromethyl)biphenyl-4-carbaldehyde	90035-34-0
(5-chloro-2-methoxyphenyl)boronic acid	89694-48-4
5'-chloro-2'-hydroxy-3'-nitrobiphenyl-3-carboxylic acid	376592-58-4
2-(3,4-dimethylphenyl)-5-methyl-2,4-dihydro-3H-pyrazol-3-one	18048-64-1
2,3-dimethyl-2H-indazol-6-amine	444731-72-0
2,4-dichloropyrimidine	3934-20-1
N-(2-chloropyrimidin-4-yl)-2,3-dimethyl-2H-indazol-6-amine	444731-74-2
5-amino-2-methylbenzenesulfonamide	6973-09-7
2-[methyl(pyridin-2-yl)amino]ethanol	122321-04-4
(5Z)-5-(4-fluorobenzylidene)-1,3-thiazolidine-2,4-dione	291536-35-1
1,6-di-O-acetyl-2-azido-3,4-di-O-benzyl-2-deoxy-D-glucopyranose	136172-58-2
methyl 6-O-acetyl-4-O-(2-O-acetyl-3-O-benzyl-6-methyl- $\alpha$ -L-idopyranuronosyl)-3-O-benzyl-2- {[(benzyloxy)carbonyl]amino}-2-deoxy- $\alpha$ -D-glucopyranoside	114869-97-5
methyl (2S,3S,4S,5S,6S)-6-[[[(1S,2S,3S,4R,5R)-3-(acetyloxy)-4-azido-6,8- dioxabicyclo[3.2.1]oct-2-yl]methyl]-4,5-bis(benzyloxy)-3-hydroxytetrahydro-2H-pyran-2- carboxylate	99541-26-1
(1R,2S,3R,4R,5R)-4-azido-2-[[[(4aR,6S,7R,8S,8aR)-7,8-bis(benzyloxy)-2- phenylhexahydropyrano[3,2-d][1,3]dioxin-6-yl]oxy]-6,8-dioxabicyclo[3.2.1]oct-3-yl acetate	99541-23-8
4-[3-hydroxy-3-phenyl-3-(thiophen-2-yl)propyl]-4-methylmorpholin-4-ium methyl sulfate	6504-57-0
methyl 3-amino-4-methylthiophene-2-carboxylate	85006-31-1
4-cyclopentylpiperazin-1-amine	61379-64-4
4-methylpiperazine-1-carbonyl chloride hydrochloride	55112-42-0
5-chloropyridin-2-amine	1072-98-6
2-chlorobenzylamine	89-97-4
benzyl (2S,3aR,7aS)-octahydro-1H-indole-2-carboxylate hydrochloride	145641-35-6
6-chlorohexan-2-one	10226-30-9
ethyl 3-[(5-chloro-2-nitrophenyl)(phenyl)amino]-3-oxopropanoate	22316-45-6
colchicoside	477-29-2
(3 $\beta$ ,16 $\alpha$ )-3-hydroxy-16,17-epoxypregn-5-en-20-one	974-23-2



antimonic acid -- 1-deoxy-1-(methylamino)-D-glucitol (1:1)	133-51-7
sodium hydrogen 3-sulfonatobenzoate	17625-03-5
ethyl 2-[4-(2,2-dichlorocyclopropyl)phenoxy]-2-methylpropanoate	52179-28-9
sodium 2-propylpentanoate	1069-66-5
propyl {4-[2-(diethylamino)-2-oxoethoxy]-3-ethoxyphenyl}acetate	579494-66-9
5-[(4-bromo-2-chlorophenyl)amino]-4-fluoro-N-(2-hydroxyethoxy)-1-methyl-1H-benzimidazole-6-carboxamide	606143-52-6
4-hydroxybenzoic acid -- (2S,4E)-N-methyl-5-[5-(propan-2-yloxy)pyridin-3-yl]pent-4-en-2-amine (1:1)	691882-47-0
N-(2-[(2S)-3-[[1-(4-chlorobenzyl)piperidin-4-yl]amino]-2-hydroxy-2-methylpropyl]oxy)-4-hydroxyphenylacetamide	548797-97-3
4-amino-8-(2,5-dimethoxyphenyl)-N-propylcinnoline-3-carboxamide	942436-93-3
4-amino-8-(2-fluoro-6-methoxyphenyl)-N-propylcinnoline-3-carboxamide	942437-37-8
(2S)-1-(tert-butoxycarbonyl)azetidione-2-carboxylic acid	51077-14-6
(2S)-N-{4-[(Z)-amino(methoxyimino)methyl]benzyl}-1-[(2R)-2-[3-chloro-5-(difluoromethoxy)phenyl]-2-hydroxyethanoyl]azetidione-2-carboxamide benzenesulphonic acid (1:1)	631916-97-7
2-{ethyl[3-({4-[(5-{2-[(3-fluorophenyl)amino]-2-oxoethyl}-1H-pyrazol-3-yl)amino]quinazolin-7-yl}oxy)propyl]amino}ethyl dihydrogen phosphate	722543-31-9
N-(5-chloro-1,3-benzodioxol-4-yl)-7-[2-(4-methyl-1-piperazinyl)ethoxy]-5-[(tetrahydro-2H-pyran-4-yl)oxy]-4-quinazolinamine -- (2E)-2-butenedioate (1:2)	893428-72-3
3-[(methylsulfonyl)amino]-2-phenyl-N-[(1S)-1-phenylpropyl]quinoline-4-carboxamide	941690-55-7
(2R)-3'H-spiro[4-azabicyclo[2.2.2]octane-2,2'-furo[2,3-b]pyridine] (S,S)-2,3-dihydroxybutanedioate	220100-81-2
(2R)-3'H-spiro[4-azabicyclo[2.2.2]octane-2,2'-furo[2,3-b]pyridine]	220099-91-2
4-fluoro-2-methyl-1H-indol-5-ol	288385-88-6
2-[(3aR,4S,6R,6aS)-6-[[5-amino-6-chloro-2-(propylsulfanyl)pyrimidin-4-yl]amino]-2,2-dimethyltetrahydro-3aH-cyclopenta[d][1,3]dioxol-4-yl]oxyethanol	376608-74-1
(1R,2S)-2-(3,4-difluorophenyl)cyclopropanaminium (2R)-hydroxy(phenyl)ethanoate	376608-71-8
7-(benzyloxy)-6-methoxyquinazolin-4(3H)-one	179688-01-8
sodium hydrogen [1-hydroxy-1-phosphono-2-(pyridin-3-yl)ethyl]phosphonate hemipentahydrate	329003-65-8
(5S,8S,11S,14S,17S,20S,23S,26S,29S,32S,35S,38S)-5-(3-amino-3-oxopropyl)-20-benzyl-23-[(2S)-butan-2-yl]-14,38-bis{4-[(tert-butoxycarbonyl)amino]butyl}-29-[[1-(tert-butoxycarbonyl)-1H-indol-3-yl]methyl]-17-(3-tert-butoxy-3-oxopropyl)-1-(1H-fluoren-9-yl)-8,11,26,41,41-pentamethyl-32-(2-methylpropyl)-3,6,9,12,15,18,21,24,27,30,33,36,39-tridecaoxo-35-(propan-2-yl)-2-oxa-4,7,10,13,16,19,22,25,28,31,34,37,40-tridecaazadotetracontan-42-oic acid	1000164-36-2
5-methyl-1-(propan-2-yl)-4-[4-(propan-2-yloxy)benzyl]-1,2-dihydro-3H-pyrazol-3-one	1028026-83-6
2-methyl-3-[(2S)-pyrrolidin-2-ylmethoxy]pyridine 2,3-dihydroxybutanedioate	945405-37-8

(2S,3S)-2,3-bis[(phenylcarbonyl)oxy]butanedioic acid -- ethyl (3aR,6aR)-hexahydropyrrolo[3,4-b]pyrrole-5(1H)-carboxylate (1:1)	948846-40-0
(3aR,6aR)-1-(pyridin-3-yl)octahydropyrrolo[3,4-b]pyrrole 4-methylbenzenesulfonate	00-00-0
(3aR,6aR)-1-(pyridin-3-yl)octahydropyrrolo[3,4-b]pyrrole dihydrochloride	370882-57-8
4-[(3-nitropyridin-2-yl)amino]phenol	78750-61-5
1-(2-fluoro-5-methylphenyl)-3-[4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl]urea	796967-18-5
N-{2-[(4-hydroxyphenyl)amino]pyridin-3-yl}-4-methoxybenzenesulfonamide hydrochloride	141450-48-8
1-[4-(3-amino-1H-indazol-4-yl)phenyl]-3-(2-fluoro-5-methylphenyl)urea hydrochloride	00-00-0
1-[4-(3-amino-1H-indazol-4-yl)phenyl]-3-(2-fluoro-5-methylphenyl)urea	796967-16-3
5,6-dichloro-N-(2,2-dimethoxyethyl)pyridin-3-amine	876068-46-1
[(3S,4S)-4-amino-1-(5,6-dichloropyridin-3-yl)pyrrolidin-3-yl]methanol	876068-51-8
(1S,5S)-3-(5,6-dichloropyridin-3-yl)-3,6-diazabicyclo[3.2.0]heptane benzenesulfonate	876170-44-4
DNA, d(T-sp-C-G-sp-T-sp-C-G-sp-T-sp-T-sp-T-sp-G-sp-A-sp-C-G-sp-T-sp-T-sp-T-sp-G-sp-T-sp-C-G-sp-T-sp-T)	665058-78-6
4-(4-[[[(2S,4R)-4-[acetyl(4-chlorophenyl)amino]-2-methyl-3,4-dihydroquinolin-1(2H)-yl]carbonyl]phenoxy]-2,2-dimethylbutanoic acid	868210-14-4
4-[4-({3-[(4-deoxy-4-fluoro-b-D-glucopyranosyl)oxy]-5-(propan-2-yl)-1H-pyrazol-4-yl)methyl}phenyl]-N-[1,3-dihydroxy-2-(hydroxymethyl)propan-2-yl]butanamide	871484-32-1
2-({[(1R,3S)-3-[[2-(3-methoxyphenyl)-5-methyl-1,3-oxazol-4-yl]methoxy]cyclohexyl]oxy)methyl}-6-methylbenzoic acid	710281-33-7
2-(4-methoxybenzyl)thiophen-3-yl β-D-glucopyranoside	647834-15-9
5-(benzylamino)-2-(3-methoxyphenyl)-7-(4-methylpiperazin-1-yl)[1,2,4]triazolo[1,5-a]quinoline-4-carbonitrile -- (2E)-but-2-enedioate (2:1) hydrate	00-00-0
3-[2-chloro-4-({4-methyl-2-[4-(trifluoromethyl)phenyl]-1,3-thiazol-5-yl]methoxy)phenyl]-1,2,4-oxadiazol-5(4H)-one	866920-24-3
2-[3-(6-[[2-(2,4-dichlorophenyl)ethyl]amino]-2-methoxypyrimidin-4-yl)phenyl]-2-methylpropanoic acid phosphate	934815-71-1
(2Z)-[(acetyloxy)imino](2-amino-1,3-thiazol-4-yl)ethanoic acid	110130-88-6
2-(2,3-dihydro-1H-inden-2-yl)propan-2-amine hydrochloride	1034457-07-2
(2R)-1-(5-bromo-2,3-difluorophenoxy)-3-[[1-(2,3-dihydro-1H-inden-2-yl)-2-methylpropan-2-yl]amino]propan-2-ol hydrochloride	1035455-90-3
ethyl (2E)-3-(3-[[[(2R)-3-[[1-(2,3-dihydro-1H-inden-2-yl)-2-methylpropan-2-yl]amino]-2-hydroxypropyl]oxy]-4,5-difluorophenyl]prop-2-enoate hydrochloride	1035455-87-8
(3S,6R,9S,12R,15S,18R,21S,24R)-6,18-dibenzyl-4,10,12,16,22,24-hexamethyl-3,9,15,21-tetrakis(2-methylpropyl)-1,7,13,19-tetraoxa-4,10,16,22-tetraazacyclotetracosane-2,5,8,11,14,17,20,23-octone	133413-70-4
2-(cyclohexylmethyl)-N-{2-[(2S)-1-methylpyrrolidin-2-yl]ethyl}-1,2,3,4-tetrahydroisoquinoline-7-sulfonamide di[(2E)-but-2-enedioate] hydrate	00-00-0

5-fluoro-1-(3-fluorobenzyl)-N-(1H-indol-5-yl)-1H-indole-2-carboxamide	00-00-0
(+)-5-[6-(1-methyl-1H-pyrazol-4-yl)pyridin-3-yl]-1-azabicyclo[3.2.1]octane	925978-49-0
7-chloro-3-(6-methoxypyridin-3-yl)-N,N,5-trimethyl-4-oxo-4,5-dihydro-3H-pyridazino[4,5-b]indole-1-carboxamide	550349-58-1
N-[(S)-1-azabicyclo[2.2.2]oct-2-yl(phenyl)methyl]-2,6-dichloro-3-(trifluoromethyl)benzamide hydrochloride	00-00-0
4-(2-chloro-4-methoxy-5-methylphenyl)-N-[(1S)-2-cyclopropyl-1-(3-fluoro-4-methylphenyl)ethyl]-5-methyl-N-(prop-2-yn-1-yl)-1,3-thiazol-2-amine	752253-39-7
2-amino-2-oxoethyl{3-[trans-5-(6-methoxynaphthalen-1-yl)-1,3-dioxan-2-yl]propyl}carbamate	666860-59-9
N-(5-fluoro-3-methyl-1H-indol-1-yl)-4-methyl-2-(pyridin-2-yl)pyrimidine-5-carboxamide	00-00-0
DNA (synthetic plasmid vector pCOR human interferon b signal peptide fusion protein with 21-154-human acidic fibroblast growth factor-specifying)	1001859-46-6
1-[(2R,5S)-5-(hydroxymethyl)-2,5-dihydrofuran-2-yl]-5-methylpyrimidine-2,4(1H,3H)-dione -- 1-methylpyrrolidin-2-one (1:1)	165172-60-1
[(1R,5S)-5-[dimethyl(phenyl)silyl]-2-[(2-methoxypropan-2-yl)oxy]methyl]cyclopent-2-en-1-yl]methanol	701278-08-2
{(4S,5R)-5-[(benzyloxy)methyl]-4-[dimethyl(phenyl)silyl]cyclopent-1-en-1-yl}methanol	701278-09-3
2-amino-9-[(1S,3R,4S)-3-[(benzyloxy)methyl]-4-[dimethyl(phenyl)silyl]-2-methylidenecyclopentyl]-1,9-dihydro-6H-purin-6-one methanesulfonate (2:1)	1032066-96-8
2-amino-N-(2-chloro-6-methylphenyl)-1,3-thiazole-5-carboxamide	302964-24-5
N-(2-chloro-6-methylphenyl)-2-[(6-chloro-2-methylpyrimidin-4-yl)amino]-1,3-thiazole-5-carboxamide	302964-08-5
4,6-dichloro-2-methylpyrimidine	1780-26-3
tert-butyl [(1S)-2-[(1S,3S,5S)-3-cyano-2-azabicyclo[3.1.0]hex-2-yl]-1-(3-hydroxytricyclo[3.3.1.1(3,7)]dec-1-yl)-2-oxoethyl]carbamate	709031-43-6
{2-[(tert-butoxycarbonyl)amino]-3-hydroxytricyclo[3.3.1.1(3,7)]dec-1-yl}acetic acid	361442-00-4
(1S,3S,5S)-2-azabicyclo[3.1.0]hexane-3-carboxamide methanesulfonate	709031-45-8
(3-hydroxytricyclo[3.3.1.1(3,7)]dec-1-yl)(oxo)acetic acid	709031-28-7
tert-butyl (1S,3S,5S)-3-carbamoyl-2-azabicyclo[3.1.0]hexane-2-carboxylate	361440-67-7
tert-butyl (2S)-2-carbamoyl-2,3-dihydro-1H-pyrrole-1-carboxylate	709031-38-9
5-methyl-4-oxo-1,4-dihydropyrrolo[2,1-f][1,2,4]triazin-6-yl 2,2-dimethylpropanoate	872206-47-8
4-[(4-fluoro-2-methyl-1H-indol-5-yl)oxy]-5-methylpyrrolo[2,1-f][1,2,4]triazin-6-yl 2,2-dimethylpropanoate	952490-01-6
(2R)-1-({4-[(4-fluoro-2-methyl-1H-indol-5-yl)oxy]-5-methylpyrrolo[2,1-f][1,2,4]triazin-6-yl}oxy)propan-2-ol	649735-46-6
(2R)-2-methyloxirane	15448-47-2
N-benzyloxycarbonyl-L-alanine	1142-20-7

ethyl 1-(4-methoxyphenyl)-6-(4-nitrophenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylate	536759-91-8
ethyl 1-(4-methoxyphenyl)-7-oxo-6-[4-(2-oxopiperidin-1-yl)phenyl]-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylate	503614-91-3
ethyl (2Z)-chloro[2-(4-methoxyphenyl)hydrazinylidene]ethanoate	473927-63-8
3-chloro-1-(4-nitrophenyl)-5,6-dihydropyridin-2(1H)-one	536760-29-9
4-(5-bromo-2-chlorobenzyl)phenyl ethyl ether	461432-23-5
but-2-yne-1,4-diol -- methyl 1-C-[4-chloro-3-(4-ethoxybenzyl)phenyl]- $\alpha$ -D-glucopyranoside (1:1)	960404-59-5
(1S)-2,3,4,6-tetra-O-acetyl-1,5-anhydro-1-[4-chloro-3-(4-ethoxybenzyl)phenyl]-D-glucitol	461432-25-7
N-{5-[(diphenylphosphoryl)methyl]-4-(4-fluorophenyl)-6-(propan-2-yl)pyrimidin-2-yl}-N-methylmethanesulfonamide	289042-10-0
(3-[[{(2R,3S)-2-((1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethoxy)-3-(2-fluorophenyl)morpholin-4-yl]methyl]-5-oxo-2,5-dihydro-1H-1,2,4-triazol-1-yl]phosphonic acid -- 1-deoxy-1-(methylamino)-D-glucitol (1:2)	265121-04-8
methyl 1-tert-butyl-2-hydroxy-1H-pyrrolo[2,3-b]pyridine-3-carboxylate	00-00-0
[(8R)-8-(3,5-difluorophenyl)-10-oxo-6,9-diazaspiro[4.5]dec-9-yl]acetic acid	957187-34-7
2,3-dihydroxy-2,3-bis(phenylcarbonyl)butanedioic acid -- ethyl [(8R)-8-(3,5-difluorophenyl)-10-oxo-6,9-diazaspiro[4.5]dec-9-yl]acetate (1:1)	00-00-0
2,2,2-trifluoro-1-[4'-(methylsulfonyl)biphenyl-4-yl]ethanone	893407-18-6
[2-(chloromethyl)-4-(dibenzylamino)phenyl]methanol hydrochloride	00-00-0
4-fluoro-L-leucine -- ethyl hydrogen sulfate (1:1)	848949-85-9
4-(4-fluorophenyl)-7-(isothiocyanatomethyl)-2H-chromen-2-one	00-00-0
3-[[6-(ethylsulfonyl)pyridin-3-yl]oxy]-5-[[{(2S)-1-hydroxypropan-2-yl]oxy]benzoic acid -- 1,4-diazabicyclo[2.2.2]octane (2:1)	1137917-12-4
methyl (5R,7S,10S)-10-tert-butyl-15,15-dimethyl-3,9,12-trioxo-6,7,9,10,11,12,14,15,16,17,18,19-dodecahydro-1H,5H-2,23:5,8-dimethano-4,13,2,8,11-benzodioxatriazacyclohepticosine-7(3H)-carboxylate	923591-06-4
(1R,2R)-1-[(cyclopropylsulfonyl)carbamoyl]-2-ethylcyclopropanaminium 4-methylbenzenesulfonate	1198178-65-2
2-hydroxy-2-(trifluoromethyl)butanehydrazide	910656-45-0
4-(ethylamino)piperidine-4-carboxamide	84100-54-9
6-(hydroxymethyl)-4-phenyl-3,4-dihydro-2H-chromen-2-ol	959624-24-9
3-[(3R,4R)-4-methyl-3-[methyl(7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino]piperidin-1-yl]-3-oxopropanenitrile 2-hydroxypropane-1,2,3-tricarboxylate	540737-29-9
2,4-dichloro-7H-pyrrolo[2,3-d]pyrimidine	90213-66-4
1-({4-[[{2-oxo-3-(propan-2-yl)-2,3-dihydro-1H-benzimidazol-1-yl]carbonyl]amino)methyl]piperidin-1-yl)methyl)cyclobutanecarboxylic acid	871022-14-9

1-[(4-[(tert-butoxycarbonyl)amino]methyl)piperidin-1-yl)methyl]cyclobutanecarboxylic acid	871022-19-4
1-(propan-2-yl)-1,3-dihydro-2H-benzimidazol-2-one	35681-40-4
S-[(1R,3S)-1-oxidotetrahydrothiophen-3-yl] ethanethioate	120788-03-6
2,8-dimethyl-5-[2-(6-methylpyridin-3-yl)ethyl]-2,3,4,5-tetrahydro-1H-pyrido[4,3-b]indole	3613-73-8
2,8-dimethyl-2,3,4,5-tetrahydro-1H-pyrido[4,3-b]indole	19686-05-6
(3R)-3-cyclopentyl-3-[4-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)-1H-pyrazol-1-yl]propanenitrile	941678-49-5
3-cyclopentylprop-2-enenitrile	591769-05-0
1-(1-ethoxyethyl)-4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-1H-pyrazole	1029716-44-6
4-(1H-pyrazol-4-yl)-7-[[2-(trimethylsilyl)ethoxy]methyl]-7H-pyrrolo[2,3-d]pyrimidine	941685-27-4
(3S)-3-cyclopentyl-3-[4-(7-[[2-(trimethylsilyl)ethoxy]methyl]-7H-pyrrolo[2,3-d]pyrimidin-4-yl)-1H-pyrazol-1-yl]propanenitrile	941685-41-2
(3R)-3-cyclopentyl-3-[4-(7-[[2-(trimethylsilyl)ethoxy]methyl]-7H-pyrrolo[2,3-d]pyrimidin-4-yl)-1H-pyrazol-1-yl]propanenitrile	941685-40-1
3-cyclopentyl-3-[4-(7-[[2-(trimethylsilyl)ethoxy]methyl]-7H-pyrrolo[2,3-d]pyrimidin-4-yl)-1H-pyrazol-1-yl]propanenitrile	941685-39-8
4-chloro-7H-pyrrolo[2,3-d]pyrimidine	3680-69-1
(3S,5R)-3-amino-5-methyloctanoic acid hydrochloride	610300-00-0
(3S,5R)-3-amino-5-methyloctanoic acid	610300-07-7
(3R)-3-methylhexanoic acid	22328-90-1
(2R,3R)-2,3-dimethylbutane-1,4-diyl bis(4-methylbenzenesulfonate)	281214-27-5
4-(1-aminocyclopropyl)-2,3,5-trifluorobenzoic acid	143785-86-8
4-[1-(acetylamino)cyclopropyl]-2,3,5-trifluorobenzoic acid	143785-87-9
(6R)-6-cyclopentyl-6-[2-(2,6-diethylpyridin-4-yl)ethyl]-3-[(5,7-dimethyl[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-4-hydroxy-5,6-dihydro-2H-pyran-2-one	877130-28-4
5,7-dimethyl[1,2,4]triazolo[1,5-a]pyrimidine-2-carbaldehyde	55293-96-4
4-bromo-2,6-diethylpyridine 4-methylbenzenesulfonate	927889-51-8
sodium 2-amino-2-phenylbutanoate	94133-84-3
methyl 2-(dimethylamino)-2-phenylbutanoate	39068-93-4
3-(4-chlorophenyl)-N-methyl-4-phenyl-4,5-dihydro-1H-pyrazole-1-carboximidamide	1035675-24-1
(4S)-3-(4-chlorophenyl)-N-methyl-4-phenyl-4,5-dihydro-1H-pyrazole-1-carboximidamide 2,3-dihydroxybutanedioate	1035677-60-1
(3,3-difluoropyrrolidin-1-yl){(2S,4S)-4-[4-(pyrimidin-2-yl)piperazin-1-yl]pyrrolidin-2-yl}methanone	869490-23-3
3,3-difluoropyrrolidine hydrochloride	163457-23-6

6-iodo-1H-indazole	261953-36-0
(-)-3-{3-bromo-4-[(2,4-difluorobenzyl)oxy]-6-methyl-2-oxopyridin-1(2H)-yl}-N,4-dimethylbenzamide	586414-48-4
methyl 3-(4-hydroxy-6-methyl-2-oxopyridin-1(2H)-yl)-4-methylbenzoate	586379-61-5
(1S)-1-amino-3-methyl-1,3,4,5-tetrahydro-2H-3-benzazepin-2-one hydrochloride	425663-71-4
L- $\alpha$ -aspartyl-L- $\alpha$ -glutamyl-L-asparaginyL-L-prolyl-L-valyl-L-valyl-L-histidyl-L-phenylalanyl-L-phenylalanyl-L-lysyl-L-asparaginyL-L-isoleucyl-L-valyl-L-threonyl-L-prolyl-L-arginyl-L-threonine	152074-97-0
L- $\alpha$ -aspartyl-L- $\alpha$ -glutamyl-L-asparaginyL-L-prolyl-L-valyl-L-valyl-L-histidyl-L-phenylalanyl-L-phenylalanyl-L-lysyl-L-asparaginyL-L-isoleucyl-L-valyl-L-threonyl-L-prolyl-L-arginyl-L-threonine tetraacetate	781666-30-6
N4-[(4-fluorophenyl)methyl]-2-nitro-1,4-benzenediamine	150812-21-8
ethyl {4-[(4-fluorobenzyl)amino]-2-nitrophenyl}carbamate	150812-23-0
2,3-diaminobenzamide dihydrochloride	266993-72-0
1-(tert-butoxycarbonyl)-2-methyl-D-proline	166170-15-6
2-[(2S)-2-methylpyrrolidin-2-yl]-1H-benzimidazole-4-carboxamide dihydrochloride	912445-36-4
2-[(2R)-2-methylpyrrolidin-2-yl]-1H-benzimidazole-4-carboxamide	912444-00-9
1-(2-nitrobenzyl)-1H-pyrrole-2-carbaldehyde	22162-51-2
5-fluoro-2-methylbenzoyl chloride	21900-39-0
2-chloro-4-[[[(5-fluoro-2-methylphenyl)carbonyl]amino]benzoic acid	168080-49-7
ethyl 3-amino-4-[2-(1,3-dioxo-1,3-dihydro-2H-isoindol-2-yl)ethoxy]but-2-enoate	265136-65-0
N-(4-chloro-3-cyano-7-ethoxyquinolin-6-yl)acetamide	848133-76-6
2-((2-chloro-4-nitrophenoxy)methyl)pyridine	179687-79-7
(E)-4-(dimethylamino)but-2-enoic acid hydrochloride	848133-35-7
2-cyano-N-(2,4-dichloro-5-methoxy phenyl)acetamide	846023-24-3
2-(3-chloropropoxy)-1-methoxy-4-nitrobenzene	92878-95-0
benzyl (3S)-6,7-dimethoxy-1,2,3,4-tetrahydroisoquinoline-3-carboxylate hydrochloride	103733-32-0
benzyl (2S,3aS,6aS)-octahydrocyclopenta[b]pyrrole-2-carboxylate hydrochloride	87269-87-2
1,1'-binaphthalene-2,2'-diol --5-methoxy-2-[(S)-[(4-methoxy-3,5-dimethylpyridin-2-yl)methyl]sulfinyl]-1H-benzimidazole(1:1)	272776-12-2
5,7-dioxa-6-thiaspiro[2.5]octane-6-oxide	89729-09-9
(S)-3-(dimethylamino)-1-(thiophen-2-yl)propan-1-ol	132335-44-5
(3S)-N,N-dimethyl-3-(naphthalen-1-yloxy)-3-(thiophen-2-yl)propan-1-amine	132335-46-7

methyl 2-((R)-3-(3-((E)-2-(7-chloroquinolin-2-yl)vinyl)phenyl)-3-(((1-(hydroxymethyl)cyclopropyl)methyl)sulfanyl)propyl)benzoate hydrochloride	00-00-0
(2Z)-{[(1-tert-butoxy-2-methyl-1-oxopropan-2-yl)oxy]imino}[2-(tritylamino)-1,3-thiazol-4-yl]ethanoic acid	68672-66-2
1-(pyridin-4-yl)pyridinium chloride hydrochloride	5421-92-1
2-(3-chloropropyl)-2-(4-fluorophenyl)-1,3-dioxolane	3308-94-9
1-{1-[4-(4'-fluorophenyl)-4,4-ethylenedioxybutyl]-1,2,3,6-tetrahydro-4-pyridinyl]-1,3-dihydro-benzimidazol-2-one	00-00-0
2,5-bis(2,2,2-trifluoroethoxy)benzoic acid	35480-52-5
1-phenyl-3-oxabicyclo[3.1.0]hexan-2-one	63106-93-4
N2-[(benzyloxy)carbonyl]-L-glutaminy-L-asparaginy-L-S-benzyl-L-cysteiny-L-prolyl-L-leucylglycinamide	21688-11-9
(2R)-3-(benzylsulfanyl)-N-[(2S)-1-[[[(2S,3S)-1-hydrazinyl-3-methyl-1-oxopentan-2-yl]amino]-	39570-96-2
3-chloro-6-methyldibenzo[c,f][1,2]thiazepin-11(6H)-one 5,5-dioxide	26638-53-9
3- $\alpha$ -hydroxy-7-oxo-5- $\beta$ -cholan-24-oic acid	4651-67-6
diethyl ethyl(1-methylbutyl)malonate	76-72-2
6-fluoro-3-oxo-3,4-dihydropyrazine-2-carbonitrile -- N-cyclohexylcyclohexanamine (1:1)	1137606-74-6
ethyl 6-bromo-5-hydroxy-1-methyl-2-[(phenylsulfanyl)methyl]-1H-indole-3-carboxylate	131707-24-9
(2S-3 $\alpha$ S,7 $\alpha$ S)-octahydro-1H-indole-2-carboxylic acid	80875-98-5
N-[(2S)-1-ethoxy-1-oxopentan-2-yl]-L-alanine	82834-12-6
3-((E)-2-[(3R)-pyrrolidin-3-yl]ethenyl)-5-(tetrahydro-2H-pyran-4-yloxy)pyridine	753015-42-8
4,6-dichloro-5-nitro-2-(propylsulfanyl)pyrimidine	145783-14-8
(3aR,4S,6R,6aS)-2,2-dimethyl-6-(2-methylidene-4-phenylbutyl)tetrahydro-3aH-cyclopenta[d][1,3]dioxol-4-ol	274693-53-7
poly(oxy-1,2-ethanediyl), $\alpha$ -hydro- $\omega$ -methoxy, diester with 21N6, 21'N6-[[[(N2, N6-dicarboxy-L-lysyl- $\beta$ -alanyl)imino]bis(1-oxo-2, 1-ethanediyl)]bis[N-acetylglycyl-L-leucyl-L-tyrosyl-L-alanyl-L-cysteiny-L-histidyl-L-methionylglycyl-L-prolyl-L-isoleucyl-L-threonyl-3-(1-naphthalenyl)-L-alanyl-L-valyl-L-cysteiny-L-glutaminy-L-prolyl-L-leucyl-L-arginyl-N-methylglycyl-L-lysine] cyclic (6 $\rightarrow$ 15), (6' $\rightarrow$ 15') bis(disulfide)	913976-27-9
(1S,3S,6S,9S,12S,14R,16R,18S,20R,21R,22S,26R,29S,31R,32S,33R,35R,36S)-20-[(2S)-3-amino-2-hydroxypropyl]-21-methoxy-14-methyl-8,15-bis(methylene)-2,19,30,34,37,39,40,41-octaaxanocyclo[24.9.2.13.32.13.33.16.9.112,16.018,22.029,36.031,35]hentetracontan-24-one methanesulfonate	441045-17-6
4-chloro-3-methyl-1,2-oxazol-5-amine	166964-09-6
5-(chloromethyl)-6-methyl-1,3-benzodioxole	117661-72-0
methyl 3-(chlorosulfonyl)thiophene-2-carboxylate	59337-92-7
(S)-1-butyl-N-(2,6-dimethylphenyl)piperidine-2-carboxamide	27262-47-1

(3R,4R)-1-benzyl-N,4-dimethylpiperidin-3-amine dihydrochloride	1062580-52-2
(3S,4aS,8aR)-2-(methoxycarbonyl)-6-oxodecahydroisoquinoline-3-carboxylic acid --(1R)-1-phenylethanamine (1:1)	134388-95-7
(3S,4aS,6S,8aR)-6-hydroxy-2-(methoxycarbonyl)decahydroisoquinoline-3-carboxylic acid	503293-98-9
5-(2-chloro-6-fluorophenyl)-2H-tetrazole	503293-47-8
(3S,4aS,6S,8aR)-6-[3-chloro-2-(2H-tetrazol-5-yl)phenoxy]decahydro-3-isoquinolinecarboxylic acid hydrochloride	503290-66-2
2-ethylbutyl (3S,4aS,6S,8aR)-6-[3-chloro-2-(1H-tetrazol-5-yl)phenoxy]decahydro-3-isoquinolinecarboxylate 4-methylbenzenesulfonate	503291-53-0
5-[[3,5-diethyl-1-(2-hydroxyethyl)-1H-pyrazol-4-yl]oxy]benzene-1,3-dicarbonitrile	473921-12-9
4-chloro-heptane-3,5-dione	13054-81-4
5-hydroxybenzene-1,3-dicarbonitrile	79370-78-8
methyl 2-((R)-3-(3-((E)-2-(7-chloroquinolin-2-yl)vinyl)phenyl)-3-(((1-(hydroxymethyl)cyclopropyl)methyl)sulfanyl)propyl)benzoate	936359-25-0



EXECUTIVE OFFICE OF THE PRESIDENT  
THE UNITED STATES TRADE REPRESENTATIVE  
WASHINGTON, D.C. 20508

DEC 15 2010

The Honorable Deanna Okun  
Chairman  
U.S. International Trade Commission  
500 E Street, SW  
Washington, DC 20436

Dear Chairman Okun:

As a result of the Uruguay Round negotiations, the United States participates in a zero-for-zero tariff initiative covering pharmaceutical products and chemical intermediates used in the production of pharmaceuticals (Pharmaceutical Agreement). Members of the World Trade Organization (WTO) participating in the Pharmaceutical Agreement periodically update the lists of items eligible for duty elimination as new pharmaceutical products and related chemicals are developed. Updates occurred in 1996, 1998, and most recently in 2006. In May 2010, WTO Members participating in the Pharmaceuticals Agreement approved a fourth update that incorporates many newly discovered compounds.

The Pharmaceutical Agreement has lowered the costs of active ingredients and chemicals used to manufacture medicines in the United States and in participating members. In 2009, total U.S. trade in products covered by the agreement exceeded \$126 billion. The U.S. International Trade Commission ("Commission") has played an important and continuing role in the process of updating this important Agreement. The Office of the U.S. Trade Representative (USTR) relies on the Commission's expertise in identifying products that should be included in the updates of the Agreement, and the Commission's report on the effects of the proposed elimination of duties *Pharmaceutical Products and Chemical Intermediates, Fourth Review: Advice Concerning the Addition of Certain Products to the Pharmaceutical Appendix to the HTS, Investigation No. 332-520, USITC Publication 4181*, accompanied the report that I sent to the Senate Committee on Finance and the House Committee on Ways and Means in support of eliminating duties on these products. USTR appreciates the expertise and support that the Commission provides on this important effort.

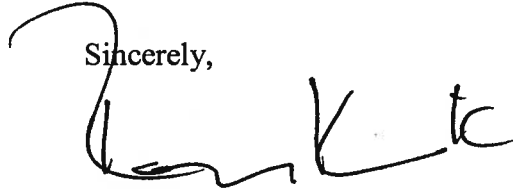
President Obama will be proclaiming the duty-free treatment for the pharmaceutical products and chemical intermediates included in this year's update of the Pharmaceutical Agreement. The text of the modifications to the Harmonized Tariff Schedule of the United States (HTS) that the President will proclaim in connection with the update of the Pharmaceutical Agreement is enclosed.

Accordingly, we request that the Commission publish as a formal Commission document those changes to the HTS that the President proclaims to implement the revision to the Pharmaceuticals Agreement. We understand that the Commission will make this publication available to the public and that the changes to the HTS that the President proclaims will be posted to the Commission website. In addition, the Federal Depository Libraries will receive this

information. We request that the Commission publish this text and transmit copies of the publication to my staff as quickly as possible.

The Commission's willingness to use the most efficient, cost-effective means of informing the public of the changes to the HTS greatly assists our efforts to bring these revisions to the Pharmaceutical Agreement into effect in a timely manner.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ron Kirk', with a large, sweeping flourish at the end.

Ambassador Ron Kirk

Enclosure

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CHAIRMAN



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UNITED STATES INTERNATIONAL TRADE COMMISSION

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WASHINGTON, D.C. 20436

The Honorable Ron Kirk  
United States Trade Representative  
600 Seventh Street, NW  
Washington, DC 20508

Dear Ambassador Kirk:

Thank you for your letter of December 15, 2010, requesting that the Commission publish the text of the modifications to the Harmonized Tariff schedule of the United States that the President will proclaim in order to implement changes to the Pharmaceutical Appendix.

We are publishing the text of these annexes as Commission Publication No. 4208 and will place the publication on the Commission's internet site as soon as possible. The Commission will make the document available to the public and to U.S. Government depository libraries as you have requested.

If we may be of further assistance in this matter, please do not hesitate to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Deanna Tanner Okun". The signature is fluid and cursive, with a large loop at the end.

Deanna Tanner Okun

