integral 260 sche Class in retains	ss 544 is considered to be an part of Class 260 (see the Class dule for the position of this schedule hierarchy). This Class all pertinent definitions and nes of Class 260.	32	Phenothiazine as three cyclos of polycyclo ring system having at least four cyclosTricyclo ring system having the six-membered hetero ring as one of the cyclos
		33	in the tricyclo ring system (e.g., hydrogenated 1,2-
	ORGANIC COMPOUNDS (CLASS 532,		<pre>benzothiazine in tricyclo ring system, etc.)</pre>
	SUBCLASS 1)	34	Plural ring nitrogens in
	.HETEROCYCLIC CARBON COMPOUNDS CONTAINING A HETERO RING		the tricyclo ring system
	HAVING CHALCOGEN (I.E., OXYGEN, SULFUR, SELENIUM, OR	35	<pre>Phenothiazines (including hydrogenated)</pre>
	TELLURIUM) OR NITROGEN AS THE	36	Purification or recovery
	ONLY RING HETERO ATOMS (Class	37	Nitrogen bonded directly
	540, subclass 1)		to phenothiazine ring system
1	Hetero ring is six-membered having two or more ring hetero atoms of which at least one is	38	<pre>Carbon bonded directly to ring nitrogen of phenothiazine ring system</pre>
	<pre>nitrogen (e.g., selenazines, etc.)</pre>	39	Divalent chalcogen double bonded directly to the carbon
2	Six-membered hetero ring consists of oxygen, sulfur,	40	Additional chalcogen bonded directly to the carbon
	<pre>nitrogen and carbon (e.g., oxathiazines, etc.)</pre>	41	Nitrogen containing substituent bonded to nitrogen
3	<pre>Six-membered hetero ring consists of sulfur, nitrogen, and carbon</pre>	42	of phenothiazine ring systemNitrogen containing hetero ring in the nitrogen
4	Heavy metal or aluminum containing		<pre>containing substituent (e.g., oxazole, etc.)</pre>
5	<pre>Plural sulfurs in the six- membered hetero ring (e.g., dithiazines, etc.)</pre>	43	<pre>Plural hetero rings in the nitrogen containing substituent</pre>
6 7	SpiroPlural nitrogens in the six- membered hetero ring (e.g.,	44	<pre>Piperazine ring in the nitrogen containing substituent</pre>
	thiatriazines, etc.)	45	
8	Thiadiazines		nitrogen containing
9	Polycyclo ring system		substituent
	having the thiadiazine ring as one of the cyclos	46	Chalcogen in the nitrogen containing
10	Bicyclo ring system having		substituent
	the thiadiazine ring as one of the cyclos	47	Bicyclo ring system having the six-membered hetero ring
11	Benzothiadiazines	4.0	as one of the cyclos
12	1,2,4-benzothiadiazines	48	Three or more ring hetero
13	Sulfamyl or substituted sulfamyl containing		atoms in the bicyclo ring system
14	Polycyclo ring system having the six-membered hetero ring	49	<pre>Benzothiazines (including hydrogenated)</pre>
	as one of the cyclos	50	1,3- or 3,1-benzothiazines

51 52	1,4-benzothiazinesDouble bonded divalent chalcogen containing	74	Plural 1,4-oxazine rings are cyclos in the polycyclo ring system
53	1,3-thiazines	75	Pentacyclo ring system
54	Double bonded divalent chalcogen containing	, 3	having the oxazine rings as cyclos
55	Additional hetero ring containing	76	Plural nitrogens bonded directly to the pentacyclo
56	1,4-thiazines	77	ring system
57	Phosphorus containing	77	
58.1	Double bonded divalent		bonded directly to a -C(=X)-
	chalcogen containing	7.0	group, wherein X is chalcogen
58.2	<pre>Divalent chalcogen double bonded directly to the thiazine ring</pre>	78	Plural morpholine rings (i.e., plural fully hydrogenated 1, 4-oxazine
58.4	Having $-C(=X)-$, wherein X		rings)
	is chalcogen, bonded directly	79	Polycyclo ring system
	to the thiazine ring	80	Ring nitrogen in the
58.5	Additional hetero ring		polycyclo ring system
	containing	81	Four or more ring
58.6	Ring nitrogen in the		nitrogens in the polycyclo
	additional hetero ring, which		ring system
	is six-membered	82	Additional nitrogen
58.7	Ring chalcogen in the		containing hetero ring (e.g.,
	additional hetero ring		thiazole, etc.)
59	Thiomorpholines (i.e., fully	83	Triazine
	hydrogenated 1,4-thiazines)	84	Phosphorus attached
60	Additional hetero ring containing		directly or indirectly to a morpholine ring by nonionic
61	The additional hetero ring		bonding
	is one of the cyclos in a	85	Sulfur attached directly or
	bicyclo ring system		indirectly to a morpholine
62	Benzo is the other cyclo		ring by nonionic bonding
63	Six-membered hetero ring	86	Nitrogen attached directly
	consists of oxygen, nitrogen		or indirectly to a morpholine
	and carbon (e.g., 1,2-		ring by nonionic bonding
	oxazines, etc)	87	Oxygen attached directly or
64	Heavy metal or aluminum containing		indirectly to a morpholine ring by nonionic bonding
65	Plural oxygens in the six-	88	1,3-0xazines
	membered hetero ring	89	Polycyclo ring system having
66	Plural nitrogens in the six- membered hetero ring		the oxazine ring as one of the cyclos
67	1,3,5-oxadiazines	90	Bicyclo ring system having
68	0xygen bonded directly to		the oxazine ring as one of the
00	the six-membered hetero ring		cyclos
69	Boron or silicon containing	91	Three or more ring hetero
70	_		atoms in the bicyclo ring
	Spiro		system
71	Spiro oxazine	92	Chalcogen bonded directly
72	Plural oxazine rings		to the oxazine ring
73	<pre>Polycyclo ring system having oxazine ring as at least one of the cyclos</pre>	93	Plural oxygens bonded directly to the oxazine ring

94		117	Three or more ring hetero atoms in the bicyclo ring system
		110	
	(including hydrogenated)	118	Four or more ring
95	Three or more ring hetero atoms in the polycyclo ring		nitrogens in the bicyclo ring system
	system	119	Acyclic nitrogen
96	Additional hetero ring		containing
50		100	_
	containing	120	\dots 1,4-Diazine ring
97	Chalcogen bonded directly to	121	Piperazine ring
	the oxazine ring	122	1,3-Diazine ring
98	1,4-Oxazines	123	Oxygen bonded directly
99	•	123	
99	Polycyclo ring system having		to the diazine ring
	the oxazine ring as one of the	124	Six-membered ring
	cyclos		consisting of one nitrogen and
100	Anthrone or anthraquinone		five carbons (e.g., pyridine,
100			
	in the polycyclo ring system		etc.)
101	Tricyclo ring system having	125	The additional six-
	the oxazine ring as one of the		membered hetero ring is one of
	cyclos		the cyclos in a polycyclo ring
102	-		
102	Phenoxazines (including		system
	hydrogenated)	126	The additional six-
103	Plural nitrogens bonded		membered hetero ring is one of
	directly to the phenoxazine		the cyclos in a tricyclo ring
104			system
	Sulfur containing	100	-
105	Bicyclo ring system having	127	The additional six-
	the oxazine ring as one of the		membered hetero ring is one of
	cyclos (e.g., benzoxazines,		the cyclos in a bicyclo ring
	etc.)		system
100		128	Quinoline or
106	Morpholines (i.e., fully	120	
	hydrogenated 1,4-oxazines		isoquinoline (including
107	Addition salts of		hydrogenated)
	morpholine which is	129	Piperidine ring
	unsubstituted or hydrocarbyl	130	Double bonded divalent
		130	
	substituted only		chalcogen containing
108	N, N-dihydrocarbyl	131	Double bonded divalent
	morpholinium		chalcogen containing
109	Hetero ring in ionically	132	Five-membered hetero ring
100	_	132	3
	bonded moiety		having two or more ring hetero
110	Phosphorus or sulfur in		atoms of which at least one is
	ionically bonded moiety		nitrogen
111	Additional nitrogen	133	The five-membered hetero
			ring has at least sulfur and
	containing hetero ring (e.g.,		
	thiazetidine, etc.)		nitrogen as ring hetero atoms
112	Triazine ring	134	Plural sulfurs or
113	1,3,5-Triazine ring		nitrogens in the five-membered
114			hetero ring (e.g.,
	Diazine ring		thiatriazole, etc.)
115	The diazine ring is one	105	
	of the cyclos in a polycyclo	135	Benzothiazoles
	ring system		(including hydrogenated)
116	The diazine ring is one	136	Polysulfide containing
110			chain between morpholine ring
	of the cyclos in a bicyclo		and benzothiazole ring system
	ring system		and benzochiazore ring system

137	The five-membered hetero ring has at least oxygen and	158	Sulfur attached directly or indirectly to morpholine ring
138	nitrogen as ring hetero atomsOxadiazole ring (including hydrogenated)	159	by nonionic bondingNitrogen attached directly or indirectly to morpholine
139	1,3-Diazole ring (including hydrogenated)1,2-Diazole ring	160	ring by nonionic bondingDouble bonded divalent sulfur
141	(including hydrogenated)Five-membered hetero ring	161	Double bonded divalent
	consisting of one nitrogen and four carbons	162	Nitrogen attached directed or indirectly to morpholine
142	The five-membered hetero ring is one of the cyclos in a	163	ring by nonionic bondingCyano containing
143	polycyclo ring systemThe five-membered hetero	164	Morpholine ring bonded directly to the nitrogen
1 4 4	ring is one of the cyclos in a bicyclo ring system	165	Carbocyclic ring bonded directly to the nitrogen
144	Chalcogen bonded directly to the bicyclo ring system	166	<pre>Morpholine ring bonded directly to the carbocyclic ring</pre>
145	<pre>Sulfur containing hetero ring (e.g., thioxane, etc.)</pre>	167	Nitro bonded directly to the carbocyclic ring
146	<pre>Thiophene ring (including hydrogenated)</pre>	168	0xygen double bonded and acyclic nitrogen bonded
147	Additional oxygen containing hetero ring	169	directly to the same carbonA ring bonded directly to
148	<pre>Plural ring hetero atoms in the additional hetero ring</pre>	170	the carbonOxygen attched directly or
149	<pre>The additional hetero ring is six-membered</pre>		<pre>indirectly to morpholine ring by nonionic bonding</pre>
150	The additional six- membered hetero ring is one of	171	The oxygen is in a -COO- group
	the cyclos in a polycyclo ring system	172	Carbonyl of -COO- group bonded directly to a ring
151	membered hetero ring is one of	173	The oxygen is bonded directly to a ring
150	the cyclos in a bicyclo ring system	174 175	Ether containingThe oxygen is in a
152	is five-membered	176	carbonyl groupThe carbonyl is bonded
153	The five-membered hetero ring is one of the cyclos in a	1.00	directly to nitrogen of morpholine ring
154	polycyclo ring systemPolycyclo-carbocyclic ring	177 178	Ether containingN-hydrocarbyl morpholines
	system having at least three cyclos	179	Tetrazines
155	Tricyclo having three six- membered carbocyclic rings	180 181	TriazinesHeavy metal or aluminum containing
156 157	Anthrone or anthraquinonePhosphorus attached	182	Asymmetrical (e.g., 1, 2, 4-triazines, etc.)
	directly or indirectly to morpholine ring by nonionic bonding	183	Polycyclo ring system having the asymmetrical triazine ring as one of the cyclos

184	Four or more ring hetero	215	Chalcogen or halogen
	atoms in the polycyclo ring		containing substituent
	system	216	Bonded to triazine ring
185	Hexamethylenetetramines		carbon
186	Processes	217	Halogen bonded directly to
187	Anthrone or anthraquinone		triazine ring carbon
107	containing	218	Chalcogen bonded directly
188	_	210	
100	Polycyclo ring system having	010	to triazine ring carbon
	the anthrone or anthraquinone	219	Chalcogen bonded directly
	and at least one hetero ring		to triazine ring carbon
	as cyclos	220	Divalent chalcogen double
189	Sulfur containing		bonded directly to triazine
190	Cyanuric chloride or		ring carbon
	dichloroisocyanuric acid salt	221	To three ring carbons
191	Processes utilizing cyanogen	222	Nitrogen containing
	chloride reactant		substituent
192	Cyanuric acid per se or salt	223	To two ring carbons
	thereof	224	The six-membered hetero ring
193	Trimerization process to form	221	consists of two nitrogens and
173	the triazine ring		four carbons (e.g., 1,2-
193.1	_		diazines, etc.)
	Stilbene containing	225	
193.2	Plural triazine rings	225	Heavy metal or aluminum
	containing	006	containing
194	Substituent nitrogen bonded	226	Arsenic or zinc containing
	directly to carbon of the	227	Mercury containing
	triazine ring	228	Purine containing
195	Phosphorus containing		(including hydrogenated)
196	Three substituent nitrogens	229	Boron or silicon containing
	bonded directly to the three	230	Spiro
	carbons of the triazine ring	231	Spiro diazine
197	Additional ring containing	232	Phosphorus attached directly
198	Hetero ring		or indirectly to a 1,2-diazine
199	Halogen or sulfur		ring by nonionic bonding
	containing	233	Polycyclo ring system having
200	Melamine per se, or salt		a 1,2-diazine ring as one of
	thereof		the cyclos
201	Processes utilizing urea	234	Tricyclo ring system having
	or biuret reactant	201	the 1,2-diazine ring as one of
202	Processes utilizing		the cyclos
202	cyanamide or dicyanamide	235	Bicyclo ring system having
	reactant	233	the 1,2-diazine ring as one of
203	Purification or recovery		the cyclos
	-	236	
204	Two substituent nitrogens	236	At least three ring
	bonded directly to two carbons		nitrogens in the bicyclo ring
00-	of the triazine ring	005	system
205	Guanamines	237	Phthalazines (including
206	Additional ring containing		hydrogenated)
207	Hetero ring	238	1,2-diazines which contain an
208	Additional ring containing		additional hetero ring
209	Hetero ring	239	Chalcogen bonded directly to
210	Sulfur containing		ring carbon of a 1,2-diazine
211	Additional ring containing		ring
212	Hetero ring	240	Plural chalcogens bonded
213	Sulfur containing		directly
214	Phosphorus containing		

241	Halogen attached directly to the 1,2-diazine ring by nonionic bonding	261	<pre>Pteroyl per se or having -C(=X)-, wherein X is chalcogen, bonded directly to</pre>
242	1,3-diazines		acyclic nitrogen of otherwise
	•		unsubstituted pteroyl
243	Phosphorus attached directly	262	
	or indirectly to the diazine	262	The other cyclo in the
	ring by nonionic bonding		bicyclo ring system is five-
244	Polycyclo ring system		membered
	having the diazine ring as one	263	Ring nitrogen is shared
	of the cyclos		by two cyclos
245		264	Purines (including
243	Polycyclo ring system having	201	
	the diazine ring as one of the		hydrogenated)
	cyclos	265	Chalcogen bonded
246	Tetracyclo ring system		directly to ring carbon of the
	having the diazine ring as one		purine ring system
	of the cyclos	266	At 2-,6-, and 8-
247	Three or more ring hetero		positions
217		267	-
	atoms in the tetracyclo ring	207	At 2- and 6-positions
	system		(e.g., theophyllines, etc.)
248	Ring carbon is shared by	268	Additional polycyclo
	three of the cyclos (e.g.,		ring system, which is not
	anthrapyrimidine, etc.)		another purine, having a
249	Tricyclo ring system having		hetero ring as one of the
	the diazine ring as one of the		cyclos
	cyclos	269	Additional hetero
250	-	200	
250	Three or more ring hetero		ring which is unsaturated and
	atoms in the tricyclo ring		is not one of the cyclos of a
	system		purine ring system
251	Four or more ring	270	Plural ring
	nitrogens in the tricyclo ring		nitrogens in the additional
	nitrogens in the tricyclo ring system		
252	system	271	nitrogens in the additional
252	systemRing nitrogen is shared by		<pre>nitrogens in the additional hetero ringHaving -C(=X)-,</pre>
	<pre>systemRing nitrogen is shared by two of the cyclos</pre>		<pre>nitrogens in the additional hetero ringHaving -C(=X)-, wherein X is chalcogen</pre>
252 253	<pre>systemRing nitrogen is shared by two of the cyclosBicyclo ring system having</pre>		<pre>nitrogens in the additional hetero ringHaving -C(=X)-, wherein X is chalcogen attached directly or</pre>
	<pre>systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the</pre>		<pre>nitrogens in the additional hetero ringHaving -C(=X)-, wherein X is chalcogen attached directly or indirectly to the purine ring</pre>
253	<pre>systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclos</pre>		nitrogens in the additional hetero ring
	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero		nitrogens in the additional hetero ring
253	<pre>systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclos</pre>		nitrogens in the additional hetero ring
253	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero		nitrogens in the additional hetero ring
253	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring system		nitrogens in the additional hetero ring
253 254	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in		nitrogens in the additional hetero ring
253254255	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring system	271	nitrogens in the additional hetero ring
253 254	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in	271	nitrogens in the additional hetero ring
253254255256	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring system	271	nitrogens in the additional hetero ring
253254255	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPour ring systemPteridines (including	271	nitrogens in the additional hetero ring
253254255256	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring system	271	nitrogens in the additional hetero ring
253254255256	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPour ring systemPteridines (including	271	nitrogens in the additional hetero ring
253254255256257	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPteridines (including hydrogenated)Nitrogen bonded	271	nitrogens in the additional hetero ring
253254255256257	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPteridines (including hydrogenated)Pteridines bonded directly to the pteridine ring	271	nitrogens in the additional hetero ring
253 254 255 256 257 258	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPteridines (including hydrogenated)Pteridines bonded directly to the pteridine ring system	271 272 273	nitrogens in the additional hetero ring
253254255256257	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPteridines (including hydrogenated)Nitrogen bonded directly to the pteridine ring systemPlural nitrogens	271	nitrogens in the additional hetero ring
253 254 255 256 257 258	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPteridines (including hydrogenated)Pteridines (including ring systemPteridines of the precidine ring systemPlural nitrogens bonded directly to the pteridine ring system	271 272 273	nitrogens in the additional hetero ring
253 254 255 256 257 258 259	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPur ring nitrogens in the bicyclo ring systemPteridines (including hydrogenated)Nitrogen bonded directly to the pteridine ring systemPlural nitrogens bonded directly to the pteridine ring system	271 272 273	nitrogens in the additional hetero ring
253 254 255 256 257 258	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPteridines (including hydrogenated)Pteridines (including ring systemPteridines of the precidine ring systemPlural nitrogens bonded directly to the pteridine ring system	271272273274	nitrogens in the additional hetero ring
253 254 255 256 257 258 259	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPur ring nitrogens in the bicyclo ring systemPteridines (including hydrogenated)Nitrogen bonded directly to the pteridine ring systemPlural nitrogens bonded directly to the pteridine ring system	271 272 273	nitrogens in the additional hetero ring
253 254 255 256 257 258 259	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPur ring nitrogens in the bicyclo ring systemPteridines (including hydrogenated)Nitrogen bonded directly to the pteridine ring systemPlural nitrogens bonded directly to the pteridine ring system	271272273274	nitrogens in the additional hetero ring
253 254 255 256 257 258 259	systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPur ring nitrogens in the bicyclo ring systemPteridines (including hydrogenated)Nitrogen bonded directly to the pteridine ring systemPlural nitrogens bonded directly to the pteridine ring system	271272273274	nitrogens in the additional hetero ring

276	Nitrogen attached	299	\dots At 2-, 4-, and 6-positions
	directly or indirectly to the		(e.g., barbituric acid, etc.)
	purine ring system by nonionic	300	Additional hetero ring
	bonding		which is unsaturated
277	Nitrogen attached	301	Nitrogen attached directly
	directly or indirectly to the		or indirectly to the diazine
	purine ring system by nonionic		ring by nonionic bonding
0.00	bonding	302	Additional chalcogen
278	Three ring hetero atoms in		attached directly or
	the bicyclo ring system		indirectly to the diazine ring
279	Three ring nitrogens in		by nonionic bonding
	the bicyclo ring system	303	Halogen attached directly
280	The other cyclo in the		or indirectly to the diazine
	bicyclo ring system is five-		ring by nonionic bonding
	membered	304	Alicyclic ring attached
281	Ring nitrogen is shared		directly or indirectly to the
	by the two cyclos		diazine ring by nonionic
282	Ring nitrogen is shared by		bonding
	two cyclos	305	Phenyl bonded directly at
283	The other cyclo in the		5-position
	bicyclo ring system is a	306	Acyclic ethylenic or
	benzene ring (e.g.,		acetylenic unsaturation
	quinazoline, etc.)		containing
284	Additional nitrogen	307	Plural alkyl groups bonded
	containing unsaturated hetero		directly at 5-position
	ring (e.g., thiazole, etc.)	308	Plural diverse alkyl
285	Chalcogen bonded directly		groups bonded directly at 5-
	at 2- and 4-positions		position
286	Chalcogen bonded directly	309	At 2-position and at 4- or
	at 2-position		6-position
287	Chalcogen bonded directly	310	Additional hetero ring
	at 4-position		which is unsaturated
288	Sulfur bonded directly	311	Nitrogen attached directly
	at 6-position		or indirectly to the diazine
289	Carbocyclic ring bonded	210	ring by nonionic bonding
	directly at 2-position	312	5-position is
290	Carbocyclic ring bonded		unsubstituted or alkyl
	directly at 3-position	0.1.0	substituted only
291	Nitrogen bonded directly	313	Halogen attached directly
	at 2- and 4-positions		to the diazine ring by
292	Nitrogen bonded directly	214	nonionic bonding
	at 2-position	314	Additional chalcogen
293	Nitrogen bonded directly		attached directly or
	at 4-position		indirectly to the diazine ring
294	Polycyclo-carbocyclic ring	215	by nonionic bonding
	system having at least three	315	At 2-position
	cyclos	316	Nitrogen attached directly
295	Plural diazine rings		or indirectly to the diazine
296	Plural 1,3-diazine rings	217	ring by nonionic bonding
297	Nitrogen attached directly	317	The nitrogen is bonded
	at 2-position by nonionic	210	directly at 4- or 6-position
	bonding and sulfur bonded	318	Additional chalcogen
000	directly to the nitrogen		attached directly or
298	Chalcogen bonded directly to		indirectly to the diazine ring
	diazine ring carbon		by nonionic bonding

319 320	At 4- or 6-positionNitrogen attached directly at 2-position by nonionic bonding	341	Halogen, nitrogen, or carbon attached directly to the heptacyclo ring system by nonionic bonding
321	Carbocyclic ring containing	342	Pentacyclo ring system having the diazine ring as one
322	<pre>Nitrogen attached directly to diazine ring by nonionic bonding</pre>	343	of the cyclosTetracyclo ring system having the diazine ring as one
323	At 2-position and at 4- or 6-position	244	of the cyclos (e.g., benzophenazines, etc.)
324 325	Additional hetero ring which is unsaturatedSubstituent on 5-position	344	Tricyclo ring system having the diazine ring as one of the cyclos
326	contains carbocyclic ringAt 4- or 6-position	345	Three or more ring hetero atoms in the tricyclo ring
327	Sulfur attached indirectly to the diazine ring by	346	systemRing nitrogen is shared
	nonionic bonding (e.g., thiamines, etc.)		<pre>by two of the cyclos (e.g., ergot, alkaloids, etc.)</pre>
328	Additional hetero ring which is unsaturated	347	<pre>Phenazines (including hydrogenated)</pre>
329	<pre>Carbonyl attached directly or indirectly to the diazine ring by nonionic bonding</pre>	348	Nitrogen attached directly to the phenazine ring system by nonionic bonding
330	At 2-position	349	Bicyclo ring system having
331	Additional hetero ring which is unsaturated		the diazine ring as one of the cyclos
332	<pre>Chalcogen attached indirectly to the diazine ring by nonionic bonding</pre>	350	<pre>Three or more ring hetero atoms in the bicyclo ring system</pre>
333	Additional hetero ring which is unsaturated	351 352	Triethylene diaminesProcess of forming,
334	Halogen attached directly to the diazine ring by nonionic bonding		<pre>purifying, or recovering triethylene diamine per se, or salt thereof</pre>
335	Chalcogen attached indirectly to the diazine ring	353	<pre>Quinoxalines (including hydrogenated)</pre>
336	<pre>by nonionic bonding1,4-diazines</pre>	354	Chalcogen bonded directly to diazine ring carbon
337	<pre>Phosphorus attached directly or indirectly to the diazine ring by nonionic bonding</pre>	355	<pre>Having -C(=X)-, wherein X is chalcogen, bonded directly to diazine ring carbon</pre>
338	<pre>Polycyclo ring system having the diazine ring as one of the cyclos</pre>	356	Halogen or nitrogen attached directly to diazine ring carbon by nonionic
339	<pre>Heptacyclo ring system having the diazine ring as one of the cyclos (e.g., indanthrones, etc.)</pre>	357 358	<pre>bondingPlural diazine ringsPiperazines (i.e., fully hydrogenated 1,4-diazines)</pre>
340	Chalcogen attached indirectly to the heptacyclo	359	Additional hetero ring containing
	ring system by nonionic bonding	360	Six-membered ring consisting of one nitrogen and five carbons (e.g., pyridine, etc.)

361	<pre>The additional six- membered hetero ring is one of the cyclos in a polycyclo ring system</pre>	379	<pre>The additional hetero ring is five-membered and unsaturated (e.g., thienyl piperazines, etc.)</pre>
362	<pre>The additional six- membered hetero ring is one of the cyclos in a bicyclo ring</pre>	380	<pre>Polycyclo-carbocyclic ring system having at least three cyclos</pre>
363	<pre>systemQuinoline or isoquinoline (including</pre>	381	<pre>Piperazine ring bonded directly to the polycyclo- carbocyclic ring system</pre>
364	<pre>hydrogenated)At least three hetero rings containing</pre>	382	Nitrogen attached directly to the piperazine ring by nonionic bonding
365	Having -C(=X)-, wherein X is chalcogen, bonded directly to ring carbon of the	383	Chalcogen attached directly to piperazine ring nitrogen by nonionic bonding
	additional six-membered hetero ring (e.g., nicotinic acid, etc.)	384 385	Chalcogen bonded directly to piperazine ring carbon
366	Five-membered hetero ring having two or more ring hetero		<pre>Plural chalcogens bonded directly to piperazine ring carbons</pre>
367	<pre>atoms of which at least one is nitrogenRing chalcogen in the</pre>	386	<pre>Having -C(=X)-, wherein X is chalcogen, bonded directly to the piperazine ring</pre>
368	five-membered hetero ringThe five-membered hetero ring is one of the cyclos in a	387	<pre>Plural -C(=X)- groups bonded directly to the piperazine ring</pre>
369	<pre>polycyclo ring system1,3-oxazole ring or 1,3- thiazole ring (including</pre>	388	Chalcogen or acyclic nitrogen bonded directly to at
370	hydrogenated)1,3-diazole ring	389	<pre>least one of the -C(=X) groupsThe -C(=X)- is part of a - C(=X)X- group, wherein the X's</pre>
371	(including hydrogenated)1,2-diazole ring	200	are the same or diverse chalcogens
372	<pre>(including hydrogenated)Five-membered hetero ring consisting of one nitrogen and</pre>	390	<pre>Halogen or acyclic nitrogen bonded directly to the -C(=X)- group</pre>
373	four carbonsThe five-membered hetero	391	Carbocyclic ring containing
374	ring is one of the cyclos in a bicyclo ring systemRing chalcogen in the	392	Phenyl or naphthyl bonded directly to ring nitrogen of the piperazine ring
375	additional hetero ringPolycyclo ring system	393	Acyclic nitrogen bonded directly to a -C(=X)- group,
376	having the additional hetero ring as one of the cyclosBicyclo ring system	394	<pre>wherein X is chalcogenThe other ring nitrogen has a substituent which</pre>
277	having the additional hetero ring as one of the cyclos	205	includes chalcogen single bonded to acyclic carbon
377 378	Plural ring chalcogens in the bicyclo ring systemPlural ring chalcogens	395	The other ring nitrogen is unsubstituted or alkyl substituted only, or salt
	in the polycyclo ring system or the piperazine ring bonded directly to the polycyclo ring system	396	thereofPlural carbocyclic rings bonded directly to the same acyclic carbon

397	Chalcogen bonded directly to the carbon
398	Chalcogen attached indirectly to the piperazine ring by nonionic bonding
399	The chalcogen, X , is in a $-C(=X)$ - group
400	Acyclic nitrogen bonded directly to the -C(=X)- group
401	The chalcogen is single bonded to both acyclic carbon and hydrogen
402	Nitrogen attached indirectly to the piperazine ring by nonionic bonding
403	Carbocyclic ring containing
404	N-hydrocarbyl piperazines
405	Additional hetero ring which is unsaturated
406	Having -C(=X)-, wherein X is chalcogen, bonded directly to the diazine ring
407	Nitrogen attached directly to the diazine ring by nonionic bonding
408	Chalcogen bonded directly to diazine ring carbon
409	Halogen attached directly to the diazine ring by nonionic bonding
410	Unsubstituted or hydrocarbyl substituted only, or salt thereof

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