



	classyfire.kingdom	n
1	Organic compounds (CHEMONTID:0000000)	303



	classyfire.superclass	n
1	Alkaloids and derivatives (CHEMONTID:0000279)	2
2	Benzenoids (CHEMONTID:0002448)	25
3	Lipids and lipid-like molecules (CHEMONTID:0000012)	13
4	Nucleosides, nucleotides, and analogues (CHEMONTID:0000289)	20
5	Organic acids and derivatives (CHEMONTID:0000264)	131
6	Organic nitrogen compounds (CHEMONTID:0004707)	13
7	Organic oxygen compounds (CHEMONTID:0004603)	18
8	Organoheterocyclic compounds (CHEMONTID:0000002)	80
9	Phenylpropanoids and polyketides (CHEMONTID:0000261)	1

Azoles (CHEMONTID:0000436)  Benzene and substituted derivatives (CHEMONTID:0002279)  Benzoxazoles (CHEMONTID:0000302)  Carboximidic acids and derivatives (CHEMONTID:0002285)  Carboxylic acids and derivatives (CHEMONTID:0000265)  Cinnamic acids and derivatives (CHEMONTID:0000476)  Bolazinanes (CHEMONTID:0002389)  Diazines (CHEMONTID:0001346)  Fatty Acyls (CHEMONTID:0003909)  Inidazopyrimidines (CHEMONTID:0001797)  Indoles and derivatives (CHEMONTID:0000211)  Acatams (CHEMONTID:0000160)  Acatams (CHEMONTID:0000160)  Organic phosphoric acids and derivatives (CHEMONTID:0000402)  Organic sulfonic acids and derivatives (CHEMONTID:000040434)  Organoitrogen compounds (CHEMONTID:0000278)  Organooxygen compounds (CHEMONTID:0000177)  Peptidomimetics (CHEMONTID:00001813)  Phenols (CHEMONTID:0000134)  Piperidines (CHEMONTID:0000109)  Pteridines and derivatives (CHEMONTID:0000109)  Purine nucleosides (CHEMONTID:0000179)				
Azoles (CHEMONTID:0000436) 3 Benzene and substituted derivatives (CHEMONTID:0002279) 15 Benzoxazoles (CHEMONTID:0000302) 1 Carboxylic acids and derivatives (CHEMONTID:0002285) 1 Carboxylic acids and derivatives (CHEMONTID:0000265) 122 Cinnamic acids and derivatives (CHEMONTID:0000476) 1 Diazinanes (CHEMONTID:0002389) 2 Diazines (CHEMONTID:0002389) 2 Diazines (CHEMONTID:0001346) 9 Diazines (CHEMONTID:0003909) 8 In Imidazopyrimidines (CHEMONTID:0001797) 22 Indoles and derivatives (CHEMONTID:0000211) 9 Indoles and derivatives (CHEMONTID:0000402) 1 Organic phosphoric acids and derivatives (CHEMONTID:0000402) 1 Organic sulfonic acids and derivatives (CHEMONTID:00004434) 1 Organonitrogen compounds (CHEMONTID:0000278) 13 Organooxygen compounds (CHEMONTID:00001813) 4 Oxazinanes (CHEMONTID:0000134) 10 Peptidomimetics (CHEMONTID:0000195) 1 Piperidines and derivatives (CHEMONTID:0000109) 2 Purine nucleosides (CHEMONTID:00001479) 9		classyfire.class	n	
Benzene and substituted derivatives (CHEMONTID:0002279)  Benzoxazoles (CHEMONTID:0000302)  Carboximidic acids and derivatives (CHEMONTID:0002285)  Carboxylic acids and derivatives (CHEMONTID:0000265)  Cinnamic acids and derivatives (CHEMONTID:0000476)  Biazinanes (CHEMONTID:0002389)  Diazinanes (CHEMONTID:0001346)  Fatty Acyls (CHEMONTID:0003909)  Imidazopyrimidines (CHEMONTID:0001797)  Indoles and derivatives (CHEMONTID:0000211)  Acatams (CHEMONTID:0000160)  Acatams (CHEMONTID:0000160)  Corganic phosphoric acids and derivatives (CHEMONTID:0000402)  Organic sulfonic acids and derivatives (CHEMONTID:00004434)  Organonitrogen compounds (CHEMONTID:0000278)  Organoxygen compounds (CHEMONTID:00001813)  Acatams (CHEMONTID:0000134)  Phenols (CHEMONTID:0000134)  Piperidines and derivatives (CHEMONTID:0000109)  Peteridines and derivatives (CHEMONTID:0000109)  Purine nucleosides (CHEMONTID:0000479)	1	5'-deoxyribonucleosides (CHEMONTID:0004502)	2	
Benzoxazoles (CHEMONTID:0000302)	2	Azoles (CHEMONTID:0000436)	3	
Carboximidic acids and derivatives (CHEMONTID:0002285) Carboxylic acids and derivatives (CHEMONTID:0000265) Cinnamic acids and derivatives (CHEMONTID:0000476)  Biazinanes (CHEMONTID:0002389) Diazines (CHEMONTID:0001346)  Fatty Acyls (CHEMONTID:0003909) Inidiazopyrimidines (CHEMONTID:0001797) Indoles and derivatives (CHEMONTID:0000211)  Lactams (CHEMONTID:0000160)  Corganic phosphoric acids and derivatives (CHEMONTID:0000402) Corganic sulfonic acids and derivatives (CHEMONTID:00004434) Corganonitrogen compounds (CHEMONTID:0000278) Corganooxygen compounds (CHEMONTID:0000323) Corganonitrogen compounds (CHEMONTID:00001813) Corganonitrogen (CHEMONTID:0000134) Corganonitrogen (CHEMONTID:0000195) Corganoexygen and derivatives (CHEMONTID:0000109) Corganoexygen compounds (CHEMONTID:0000109)	3	Benzene and substituted derivatives (CHEMONTID:0002279)	15	
Carboxylic acids and derivatives (CHEMONTID:0000265) Cinnamic acids and derivatives (CHEMONTID:0000476)  B Diazinanes (CHEMONTID:0002389) Diazines (CHEMONTID:0001346) Diazines (CHEMONTID:0001346) Diazines (CHEMONTID:0003909)  Inidazopyrimidines (CHEMONTID:0001797) Lactams (CHEMONTID:00001797) Lactams (CHEMONTID:0000160)  Corganic phosphoric acids and derivatives (CHEMONTID:0000402) Corganic sulfonic acids and derivatives (CHEMONTID:00004434) Corganonitrogen compounds (CHEMONTID:0000278) Corganoxygen compounds (CHEMONTID:0000323) Corganoxygen compounds (CHEMONTID:00001813) Corganoxygen compounds (CHEMONTID:0001813) Corganoxygen compounds (CHEMONTID:0000195) Corganoxygen compounds (CHEMONTID:0000109) Corganorygen compounds (CHEMONTID:0000109) Corga	4	Benzoxazoles (CHEMONTID:0000302)	1	
Cinnamic acids and derivatives (CHEMONTID:0000476)  Biazinanes (CHEMONTID:0002389)  Diazines (CHEMONTID:0001346)  Fatty Acyls (CHEMONTID:0003909)  Imidazopyrimidines (CHEMONTID:0001797)  Indoles and derivatives (CHEMONTID:0000211)  Actams (CHEMONTID:0000160)  Corganic phosphoric acids and derivatives (CHEMONTID:0000402)  Corganic sulfonic acids and derivatives (CHEMONTID:00004434)  Corganonitrogen compounds (CHEMONTID:0000278)  Corganooxygen compounds (CHEMONTID:0000323)  Corganooxygen compounds (CHEMONTID:0000107)  Peptidomimetics (CHEMONTID:0001813)  Phenols (CHEMONTID:0000134)  Piperidines (CHEMONTID:0000195)  Pteridines and derivatives (CHEMONTID:0000109)  Purine nucleosides (CHEMONTID:0000179)	5	Carboximidic acids and derivatives (CHEMONTID:0002285)	1	
8         Diazinanes (CHEMONTID:0002389)         2           9         Diazines (CHEMONTID:0001346)         9           10         Fatty Acyls (CHEMONTID:0003909)         8           11         Imidazopyrimidines (CHEMONTID:0001797)         28           12         Indoles and derivatives (CHEMONTID:0000211)         9           13         Lactams (CHEMONTID:0000160)         1           14         Organic phosphoric acids and derivatives (CHEMONTID:0000402)         2           15         Organic sulfonic acids and derivatives (CHEMONTID:00004434)         1           16         Organonitrogen compounds (CHEMONTID:0000278)         13           17         Organooxygen compounds (CHEMONTID:0000323)         18           18         Oxazinanes (CHEMONTID:0000107)         1           19         Peptidomimetics (CHEMONTID:00001813)         4           20         Phenols (CHEMONTID:0000195)         1           21         Piperidines (CHEMONTID:0000195)         1           22         Pteridines and derivatives (CHEMONTID:0000109)         2           23         Purine nucleosides (CHEMONTID:0000479)         9	6	Carboxylic acids and derivatives (CHEMONTID:0000265)	122	
9         Diazines (CHEMONTID:0001346)         9           10         Fatty Acyls (CHEMONTID:0003909)         8           11         Imidazopyrimidines (CHEMONTID:0001797)         28           12         Indoles and derivatives (CHEMONTID:0000211)         9           13         Lactams (CHEMONTID:0000160)         1           14         Organic phosphoric acids and derivatives (CHEMONTID:0000402)         2           15         Organic sulfonic acids and derivatives (CHEMONTID:00004434)         1           16         Organonitrogen compounds (CHEMONTID:0000278)         13           17         Organooxygen compounds (CHEMONTID:0000323)         18           18         Oxazinanes (CHEMONTID:0000107)         1           19         Peptidomimetics (CHEMONTID:00001813)         4           20         Phenols (CHEMONTID:0000134)         10           21         Piperidines (CHEMONTID:0000195)         1           22         Pteridines and derivatives (CHEMONTID:0000479)         2           23         Purine nucleosides (CHEMONTID:0000479)         9	7	Cinnamic acids and derivatives (CHEMONTID:0000476)	1	
Imidazopyrimidines (CHEMONTID:0003909)  Imidazopyrimidines (CHEMONTID:0001797)  Indoles and derivatives (CHEMONTID:0000211)  Lactams (CHEMONTID:0000160)  Idorganic phosphoric acids and derivatives (CHEMONTID:0000402)  Organic sulfonic acids and derivatives (CHEMONTID:00004434)  Organonitrogen compounds (CHEMONTID:0000278)  Organooxygen compounds (CHEMONTID:0000323)  Oxazinanes (CHEMONTID:0000107)  Peptidomimetics (CHEMONTID:00001813)  Phenols (CHEMONTID:0000134)  Piperidines (CHEMONTID:0000195)  Pteridines and derivatives (CHEMONTID:0000109)  Purine nucleosides (CHEMONTID:0000479)	8	Diazinanes (CHEMONTID:0002389)	2	
Imidazopyrimidines (CHEMONTID:0001797)  Indoles and derivatives (CHEMONTID:0000211)  Lactams (CHEMONTID:0000160)  Corganic phosphoric acids and derivatives (CHEMONTID:0000402)  Organic sulfonic acids and derivatives (CHEMONTID:00004434)  Corganonitrogen compounds (CHEMONTID:0000278)  Corganooxygen compounds (CHEMONTID:0000323)  Corganooxygen compounds (CHEMONTID:0000323)  Peptidomimetics (CHEMONTID:0001813)  Phenols (CHEMONTID:0000134)  Piperidines (CHEMONTID:0000195)  Pteridines and derivatives (CHEMONTID:0000109)  Purine nucleosides (CHEMONTID:0000479)	9	Diazines (CHEMONTID:0001346)	9	
Indoles and derivatives (CHEMONTID:0000211)  Lactams (CHEMONTID:0000160)  Organic phosphoric acids and derivatives (CHEMONTID:0000402)  Organic sulfonic acids and derivatives (CHEMONTID:00004434)  Organonitrogen compounds (CHEMONTID:0000278)  Organooxygen compounds (CHEMONTID:0000323)  Oxazinanes (CHEMONTID:0000107)  Peptidomimetics (CHEMONTID:0001813)  Phenols (CHEMONTID:0000134)  Piperidines (CHEMONTID:0000195)  Pteridines and derivatives (CHEMONTID:0000109)  Purine nucleosides (CHEMONTID:0000479)	10	Fatty Acyls (CHEMONTID:0003909)	8	
13 Lactams (CHEMONTID:0000160) 14 Organic phosphoric acids and derivatives (CHEMONTID:0000402) 15 Organic sulfonic acids and derivatives (CHEMONTID:00004434) 16 Organonitrogen compounds (CHEMONTID:0000278) 17 Organooxygen compounds (CHEMONTID:0000323) 18 Oxazinanes (CHEMONTID:0000107) 19 Peptidomimetics (CHEMONTID:0001813) 20 Phenols (CHEMONTID:0000134) 21 Piperidines (CHEMONTID:0000195) 12 Pteridines and derivatives (CHEMONTID:0000109) 23 Purine nucleosides (CHEMONTID:0000479) 9	11	Imidazopyrimidines (CHEMONTID:0001797)	28	
Organic phosphoric acids and derivatives (CHEMONTID:0000402)  Organic sulfonic acids and derivatives (CHEMONTID:00004434)  Organonitrogen compounds (CHEMONTID:0000278)  Organooxygen compounds (CHEMONTID:0000323)  Oxazinanes (CHEMONTID:0000107)  Peptidomimetics (CHEMONTID:00001813)  Phenols (CHEMONTID:0000134)  Piperidines (CHEMONTID:0000195)  Pteridines and derivatives (CHEMONTID:0000109)  Purine nucleosides (CHEMONTID:0000479)	12	Indoles and derivatives (CHEMONTID:0000211)	9	
Organic sulfonic acids and derivatives (CHEMONTID:0004434)  Organonitrogen compounds (CHEMONTID:0000278)  Organooxygen compounds (CHEMONTID:0000323)  Oxazinanes (CHEMONTID:0000107)  Peptidomimetics (CHEMONTID:0001813)  Phenols (CHEMONTID:0000134)  Piperidines (CHEMONTID:0000195)  Pteridines and derivatives (CHEMONTID:0000109)  Purine nucleosides (CHEMONTID:0000479)	13	Lactams (CHEMONTID:0000160)	1	
Organonitrogen compounds (CHEMONTID:0000278)  Organooxygen compounds (CHEMONTID:0000323)  Oxazinanes (CHEMONTID:0000107)  Peptidomimetics (CHEMONTID:0001813)  Phenols (CHEMONTID:0000134)  Piperidines (CHEMONTID:0000195)  Pteridines and derivatives (CHEMONTID:0000109)  Purine nucleosides (CHEMONTID:0000479)  9	14	Organic phosphoric acids and derivatives (CHEMONTID:0000402)	2	
Organooxygen compounds (CHEMONTID:0000323)  Oxazinanes (CHEMONTID:0000107)  Peptidomimetics (CHEMONTID:0001813)  Phenols (CHEMONTID:0000134)  Piperidines (CHEMONTID:0000195)  Pteridines and derivatives (CHEMONTID:0000109)  Purine nucleosides (CHEMONTID:0000479)	15	Organic sulfonic acids and derivatives (CHEMONTID:0004434)	1	
18       Oxazinanes (CHEMONTID:0000107)       1         19       Peptidomimetics (CHEMONTID:00001813)       4         20       Phenols (CHEMONTID:0000134)       10         21       Piperidines (CHEMONTID:0000195)       1         22       Pteridines and derivatives (CHEMONTID:0000109)       2         23       Purine nucleosides (CHEMONTID:0000479)       9	16	Organonitrogen compounds (CHEMONTID:0000278)	13	
19       Peptidomimetics (CHEMONTID:0001813)       4         20       Phenols (CHEMONTID:0000134)       10         21       Piperidines (CHEMONTID:0000195)       1         22       Pteridines and derivatives (CHEMONTID:0000109)       2         23       Purine nucleosides (CHEMONTID:0000479)       9	17	Organooxygen compounds (CHEMONTID:0000323)	18	
Phenols (CHEMONTID:0000134)  Piperidines (CHEMONTID:0000195)  Pteridines and derivatives (CHEMONTID:0000109)  Purine nucleosides (CHEMONTID:0000479)  Purine nucleosides (CHEMONTID:0000479)	18	Oxazinanes (CHEMONTID:0000107)	1	
Piperidines (CHEMONTID:0000195) 1 Pteridines and derivatives (CHEMONTID:0000109) 2 Purine nucleosides (CHEMONTID:0000479) 9	19	Peptidomimetics (CHEMONTID:0001813)	4	
Pteridines and derivatives (CHEMONTID:0000109) 2  Purine nucleosides (CHEMONTID:0000479) 9	20	Phenols (CHEMONTID:0000134)	10	
Purine nucleosides (CHEMONTID:0000479) 9	21	Piperidines (CHEMONTID:0000195)	1	
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Purine nucleotides (CHEMONTID:0001506) 3	23	Purine nucleosides (CHEMONTID:0000479)	9	
	24	Purine nucleotides (CHEMONTID:0001506)	3	