

	classyfire.kingdom		
1	Organic compounds (CHEMONTID:0000000)	803	
2	NA	1	



	classyfire.superclass				
1	Alkaloids and derivatives (CHEMONTID:0000279)	74			
2	Benzenoids (CHEMONTID:0002448)	30			
3	Hydrocarbon derivatives (CHEMONTID:0004150)	1			
4	Lignans, neolignans and related compounds (CHEMONTID:0001392)	22			
5	Lipids and lipid-like molecules (CHEMONTID:0000012)	182			
6	Nucleosides, nucleotides, and analogues (CHEMONTID:0000289)	7			
7	Organic acids and derivatives (CHEMONTID:0000264)	82			
8	Organic nitrogen compounds (CHEMONTID:0004707)	1			
9	Organic oxygen compounds (CHEMONTID:0004603)	37			
10	Organoheterocyclic compounds (CHEMONTID:0000002)	48			
11	Organosulfur compounds (CHEMONTID:0000004)	10			
12	Phenylpropanoids and polyketides (CHEMONTID:0000261)	309			
13	NA	1			

Dibenzylbutane lignans (CHEMONTID:0001969) 2				
Eburnan-type alkaloids (CHEMONTID:0002671) 3	23	Dibenzylbutane lignans (CHEMONTID:0001969)	2	
26 Emetine alkaloids (CHEMONTID:0002659) 2 27 Fatty Acyls (CHEMONTID:0003909) 22 28 Flavonoids (CHEMONTID:0000334) 204 29 Furanoid lignans (CHEMONTID:0003686) 6 30 Gelsemium alkaloids (CHEMONTID:0003758) 2 31 Glycerophospholipids (CHEMONTID:0000256) 10 32 Harmala alkaloids (CHEMONTID:0001140) 5 33 Ibogan-type alkaloids (CHEMONTID:0002748) 4 34 Imidazopyrimidines (CHEMONTID:0001797) 1 35 Indoles and derivatives (CHEMONTID:0000211) 19 36 Indolizidines (CHEMONTID:0000251) 2 37 Isoflavonoids (CHEMONTID:0002506) 33 38 Isoquinolines and derivatives (CHEMONTID:0002566) 3 39 Isothiocyanates (CHEMONTID:0001534) 1 40 Lignan glycosides (CHEMONTID:0001511) 6 41 Lignan lactones (CHEMONTID:0003467) 8 42 Linear 1,3-diarylpropanoids (CHEMONTID:0000719) 4 43 Lupin alkaloids (CHEMONTID:00003759) 4	24	Dihydroisoquinolines (CHEMONTID:0002958)	1	
27 Fatty Acyls (CHEMONTID:0003909) 22 28 Flavonoids (CHEMONTID:0000334) 204 29 Furanoid lignans (CHEMONTID:0003686) 6 30 Gelsemium alkaloids (CHEMONTID:0003758) 2 31 Glycerophospholipids (CHEMONTID:0000256) 10 32 Harmala alkaloids (CHEMONTID:0001140) 5 33 Ibogan-type alkaloids (CHEMONTID:0001797) 1 34 Imidazopyrimidines (CHEMONTID:0001797) 1 35 Indoles and derivatives (CHEMONTID:0000211) 19 36 Indolizidines (CHEMONTID:0000251) 2 37 Isoflavonoids (CHEMONTID:0002506) 33 38 Isoquinolines and derivatives (CHEMONTID:0002566) 3 39 Isothiocyanates (CHEMONTID:0001234) 1 40 Lignan glycosides (CHEMONTID:0001511) 6 41 Lignan lactones (CHEMONTID:0003467) 8 42 Linear 1,3-diarylpropanoids (CHEMONTID:0003759) 4 43 Lupin alkaloids (CHEMONTID:0003759) 4 44 Macrolides and analogues (CHEMONTID:00003759) 4 </td <td>25</td> <td>Eburnan-type alkaloids (CHEMONTID:0002671)</td> <td>3</td> <td></td>	25	Eburnan-type alkaloids (CHEMONTID:0002671)	3	
Paranoid CHEMONTID:0000334 204 29	26	Emetine alkaloids (CHEMONTID:0002659)	2	
Selsemium alkaloids (CHEMONTID:0003686) 6	27	Fatty Acyls (CHEMONTID:0003909)	22	
30 Gelsemium alkaloids (CHEMONTID:0003758) 2 31 Glycerophospholipids (CHEMONTID:0000256) 10 32 Harmala alkaloids (CHEMONTID:0001140) 5 33 Ibogan-type alkaloids (CHEMONTID:0002748) 4 34 Imidazopyrimidines (CHEMONTID:0001797) 1 35 Indoles and derivatives (CHEMONTID:0000211) 19 36 Indolizidines (CHEMONTID:0000251) 2 37 Isoflavonoids (CHEMONTID:0002506) 33 38 Isoquinolines and derivatives (CHEMONTID:0002566) 3 39 Isothiocyanates (CHEMONTID:0001234) 1 40 Lignan glycosides (CHEMONTID:0001511) 6 41 Lignan lactones (CHEMONTID:0001510) 2 42 Linear 1,3-diarylpropanoids (CHEMONTID:0003467) 8 43 Lupin alkaloids (CHEMONTID:0002719) 4 44 Macrolides and analogues (CHEMONTID:0000147) 2 45 Macroline alkaloids (CHEMONTID:00003759) 4 46 Morphinans (CHEMONTID:0000058) 1	28	Flavonoids (CHEMONTID:0000334)	204	
31 Glycerophospholipids (CHEMONTID:0000256) 10 32 Harmala alkaloids (CHEMONTID:0001140) 5 33 Ibogan-type alkaloids (CHEMONTID:0002748) 4 34 Imidazopyrimidines (CHEMONTID:0001797) 1 35 Indoles and derivatives (CHEMONTID:0000211) 19 36 Indolizidines (CHEMONTID:0000251) 2 37 Isoflavonoids (CHEMONTID:0002506) 33 38 Isoquinolines and derivatives (CHEMONTID:0002566) 3 39 Isothiocyanates (CHEMONTID:0001234) 1 40 Lignan glycosides (CHEMONTID:0001511) 6 41 Lignan lactones (CHEMONTID:0001510) 2 42 Linear 1,3-diarylpropanoids (CHEMONTID:0003467) 8 43 Lupin alkaloids (CHEMONTID:0002719) 4 44 Macrolides and analogues (CHEMONTID:0000147) 2 45 Macroline alkaloids (CHEMONTID:0000058) 1	29	Furanoid lignans (CHEMONTID:0003686)	6	
32 Harmala alkaloids (CHEMONTID:0001140) 5 33 Ibogan-type alkaloids (CHEMONTID:0002748) 4 34 Imidazopyrimidines (CHEMONTID:0001797) 1 35 Indoles and derivatives (CHEMONTID:0000211) 19 36 Indolizidines (CHEMONTID:0000251) 2 37 Isoflavonoids (CHEMONTID:0002506) 33 38 Isoquinolines and derivatives (CHEMONTID:0002566) 3 39 Isothiocyanates (CHEMONTID:0001234) 1 40 Lignan glycosides (CHEMONTID:0001511) 6 41 Lignan lactones (CHEMONTID:0001510) 2 42 Linear 1,3-diarylpropanoids (CHEMONTID:0003467) 8 43 Lupin alkaloids (CHEMONTID:0002719) 4 44 Macrolides and analogues (CHEMONTID:0000147) 2 45 Macroline alkaloids (CHEMONTID:0000058) 1	30	Gelsemium alkaloids (CHEMONTID:0003758)	2	
1 1 1 1 1 1 1 1 1 1	31	Glycerophospholipids (CHEMONTID:0000256)	10	
34 Imidazopyrimidines (CHEMONTID:0001797) 1 35 Indoles and derivatives (CHEMONTID:0000211) 19 36 Indolizidines (CHEMONTID:0000251) 2 37 Isoflavonoids (CHEMONTID:0002506) 33 38 Isoquinolines and derivatives (CHEMONTID:0002566) 3 39 Isothiocyanates (CHEMONTID:0001234) 1 40 Lignan glycosides (CHEMONTID:0001511) 6 41 Lignan lactones (CHEMONTID:0001510) 2 42 Linear 1,3-diarylpropanoids (CHEMONTID:0003467) 8 43 Lupin alkaloids (CHEMONTID:0002719) 4 44 Macrolides and analogues (CHEMONTID:0000147) 2 45 Macroline alkaloids (CHEMONTID:0003759) 4 46 Morphinans (CHEMONTID:0000058) 1	32	Harmala alkaloids (CHEMONTID:0001140)	5	
35 Indoles and derivatives (CHEMONTID:0000211) 19 36 Indolizidines (CHEMONTID:0000251) 2 37 Isoflavonoids (CHEMONTID:0002506) 33 38 Isoquinolines and derivatives (CHEMONTID:0002566) 3 39 Isothiocyanates (CHEMONTID:0001234) 1 40 Lignan glycosides (CHEMONTID:0001511) 6 41 Lignan lactones (CHEMONTID:0001510) 2 42 Linear 1,3-diarylpropanoids (CHEMONTID:0003467) 8 43 Lupin alkaloids (CHEMONTID:0002719) 4 44 Macrolides and analogues (CHEMONTID:0000147) 2 45 Macroline alkaloids (CHEMONTID:00003759) 4 46 Morphinans (CHEMONTID:0000058) 1	33	lbogan-type alkaloids (CHEMONTID:0002748)	4	
36 Indolizidines (CHEMONTID:0000251) 2 37 Isoflavonoids (CHEMONTID:0002506) 33 38 Isoquinolines and derivatives (CHEMONTID:0002566) 3 39 Isothiocyanates (CHEMONTID:0001234) 1 40 Lignan glycosides (CHEMONTID:0001511) 6 41 Lignan lactones (CHEMONTID:0001510) 2 42 Linear 1,3-diarylpropanoids (CHEMONTID:0003467) 8 43 Lupin alkaloids (CHEMONTID:0002719) 4 44 Macrolides and analogues (CHEMONTID:0000147) 2 45 Macroline alkaloids (CHEMONTID:0003759) 4 46 Morphinans (CHEMONTID:0000058) 1	34	Imidazopyrimidines (CHEMONTID:0001797)	1	
37 Isoflavonoids (CHEMONTID:0002506) 33 38 Isoquinolines and derivatives (CHEMONTID:0002566) 3 39 Isothiocyanates (CHEMONTID:0001234) 1 40 Lignan glycosides (CHEMONTID:0001511) 6 41 Lignan lactones (CHEMONTID:0001510) 2 42 Linear 1,3-diarylpropanoids (CHEMONTID:0003467) 8 43 Lupin alkaloids (CHEMONTID:0002719) 4 44 Macrolides and analogues (CHEMONTID:0000147) 2 45 Macroline alkaloids (CHEMONTID:0003759) 4 46 Morphinans (CHEMONTID:0000058) 1	35	Indoles and derivatives (CHEMONTID:0000211)	19	
Isoquinolines and derivatives (CHEMONTID:0002566) Isothiocyanates (CHEMONTID:0001234) Lignan glycosides (CHEMONTID:0001511) Lignan lactones (CHEMONTID:0001510) Linear 1,3-diarylpropanoids (CHEMONTID:0003467) Lupin alkaloids (CHEMONTID:0002719) Macrolides and analogues (CHEMONTID:0000147) Macroline alkaloids (CHEMONTID:0003759) Morphinans (CHEMONTID:0000058)	36	Indolizidines (CHEMONTID:0000251)	2	
Isothiocyanates (CHEMONTID:0001234) Lignan glycosides (CHEMONTID:0001511) Lignan lactones (CHEMONTID:0001510) Linear 1,3-diarylpropanoids (CHEMONTID:0003467) Lupin alkaloids (CHEMONTID:0002719) Macrolides and analogues (CHEMONTID:0000147) Macroline alkaloids (CHEMONTID:0003759) Morphinans (CHEMONTID:0000058)	37	Isoflavonoids (CHEMONTID:0002506)	33	
Lignan glycosides (CHEMONTID:0001511) 6 Lignan lactones (CHEMONTID:0001510) 2 Linear 1,3-diarylpropanoids (CHEMONTID:0003467) 8 Lupin alkaloids (CHEMONTID:0002719) 4 Macrolides and analogues (CHEMONTID:0000147) 2 Macroline alkaloids (CHEMONTID:0003759) 4 Morphinans (CHEMONTID:0000058) 1	38	Isoquinolines and derivatives (CHEMONTID:0002566)	3	
Lignan lactones (CHEMONTID:0001510) 2 Linear 1,3-diarylpropanoids (CHEMONTID:0003467) 8 Lupin alkaloids (CHEMONTID:0002719) 4 Macrolides and analogues (CHEMONTID:0000147) 2 Macroline alkaloids (CHEMONTID:0003759) 4 Morphinans (CHEMONTID:0000058) 1	39	Isothiocyanates (CHEMONTID:0001234)	1	
Linear 1,3-diarylpropanoids (CHEMONTID:0003467) Lupin alkaloids (CHEMONTID:0002719) Macrolides and analogues (CHEMONTID:0000147) Macroline alkaloids (CHEMONTID:0003759) Morphinans (CHEMONTID:0000058)	40	Lignan glycosides (CHEMONTID:0001511)	6	
Lupin alkaloids (CHEMONTID:0002719) Macrolides and analogues (CHEMONTID:0000147) Macroline alkaloids (CHEMONTID:0003759) Morphinans (CHEMONTID:0000058)	41	Lignan lactones (CHEMONTID:0001510)	2	
Macrolides and analogues (CHEMONTID:0000147) 2 Macroline alkaloids (CHEMONTID:0003759) 4 Morphinans (CHEMONTID:0000058) 1	42	Linear 1,3-diarylpropanoids (CHEMONTID:0003467)	8	
45 Macroline alkaloids (CHEMONTID:0003759) 4 46 Morphinans (CHEMONTID:0000058) 1	<i>4</i> 3	Lupin alkaloids (CHEMONTID:0002719)	4	
Morphinans (CHEMONTID:0000058)	44	Macrolides and analogues (CHEMONTID:0000147)	2	
	45	Macroline alkaloids (CHEMONTID:0003759)	4	
47 Organic disulfides (CHEMONTID:0002800) 1	46	Morphinans (CHEMONTID:0000058)	1	
	47	Organic disulfides (CHEMONTID:0002800)	1	