





	classyfire.superclass	n
1	Alkaloids and derivatives (CHEMONTID:0000279)	1
2	Benzenoids (CHEMONTID:0002448)	2
3	Lipids and lipid-like molecules (CHEMONTID:0000012)	27
4	Nucleosides, nucleotides, and analogues (CHEMONTID:0000289)	5
5	Organic acids and derivatives (CHEMONTID:0000264)	24
6	Organic nitrogen compounds (CHEMONTID:0004707)	8
7	Organic oxygen compounds (CHEMONTID:0004603)	3
8	Organoheterocyclic compounds (CHEMONTID:0000002)	25
9	Phenylpropanoids and polyketides (CHEMONTID:0000261)	13

classyfire.class f'-deoxyribonucleosides (CHEMONTID:0004502) Azoles (CHEMONTID:0000436) Benzene and substituted derivatives (CHEMONTID:0002279) Carboxylic acids and derivatives (CHEMONTID:0002285) Carboxylic acids and derivatives (CHEMONTID:0002285) Carboxylic acids and derivatives (CHEMONTID:0000265) Cinnamic acids and derivatives (CHEMONTID:0000476) Cinnamic acids and derivatives (CHEMONTID:0000476) Flaty Acyls (CHEMONTID:0001346) Fatty Acyls (CHEMONTID:0001103) Flavonoids (CHEMONTID:0003909) Glycerophospholipids (CHEMONTID:0000256) Imidazopyrimidines (CHEMONTID:0000256) Imidazopyrimidines (CHEMONTID:0000256) Isoquinolines and derivatives (CHEMONTID:0000211) Linear 1,3-diarylpropanoids (CHEMONTID:0003467) Crganic oxides (CHEMONTID:0003940) Organic sulfonic acids and derivatives (CHEMONTID:0004434) Organic sulfonic acids and derivatives (CHEMONTID:0000479) Purine nucleosides (CHEMONTID:0000259) Purine nucleosides (CHEMONTID:0000479)			
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Carboxylic acids and derivatives (CHEMONTID:0000265) 22 Cinnamic acids and derivatives (CHEMONTID:0000476) 2 Diazines (CHEMONTID:0001346) 5 Endocannabinoids (CHEMONTID:0001103) 1 Fatty Acyls (CHEMONTID:0003909) 13 CHEMONTID:0000334) 5 CHEMONTID:0000334) 5 CHEMONTID:0000256) 1 CHEMONTID:0000256) 1 CHEMONTID:00001797) 4 CHEMONTID:00001797) 4 CHEMONTID:00002506) 1 CHEMONTID:00002506) 1 CHEMONTID:00002506) 1 CHEMONTID:00002506) 1 CHEMONTID:00002506) 1 CHEMONTID:00002506) 1 CHEMONTID:00003467) 2 CHEMONTID:0003940) 1 CHEMONTID:0003940) 1 CHEMONTID:0003940) 1 COrganic oxides (CHEMONTID:0003940) 1 COrganonitrogen compounds (CHEMONTID:0000278) 8 COrganooxygen compounds (CHEMONTID:0000323) 2 CHEMONTID:00003259) 3	3	Benzene and substituted derivatives (CHEMONTID:0002279)	2
Cinnamic acids and derivatives (CHEMONTID:0000476) Diazines (CHEMONTID:0001346) Endocannabinoids (CHEMONTID:0001103) Fatty Acyls (CHEMONTID:0003909) Flavonoids (CHEMONTID:0000334) Glycerophospholipids (CHEMONTID:0000256) Imidazopyrimidines (CHEMONTID:0000256) Indoles and derivatives (CHEMONTID:0000211) Indoles and derivatives (CHEMONTID:00002506) Isoquinolines and derivatives (CHEMONTID:0002566) Lactams (CHEMONTID:0002506) Lactams (CHEMONTID:00002506) CHEMONTID:0000160) CHEMONTID:00003467) Organic oxides (CHEMONTID:0003940) Organic sulfonic acids and derivatives (CHEMONTID:0004434) Organonitrogen compounds (CHEMONTID:0000278) Organooxygen compounds (CHEMONTID:0000323) Prenol lipids (CHEMONTID:0000259)	4	Carboximidic acids and derivatives (CHEMONTID:0002285)	1
Diazines (CHEMONTID:0001346) Endocannabinoids (CHEMONTID:0001103) Fatty Acyls (CHEMONTID:0003909) Fatty Acyls (CHEMONTID:000334) Flavonoids (CHEMONTID:0000334) Glycerophospholipids (CHEMONTID:0000256) Imidazopyrimidines (CHEMONTID:0001797) Indoles and derivatives (CHEMONTID:0000211) Isoflavonoids (CHEMONTID:00002506) Isoquinolines and derivatives (CHEMONTID:0002566) Lactams (CHEMONTID:0000160) Linear 1,3-diarylpropanoids (CHEMONTID:0003467) Organic oxides (CHEMONTID:0003940) Organic sulfonic acids and derivatives (CHEMONTID:0004434) Organonitrogen compounds (CHEMONTID:0000278) Organooxygen compounds (CHEMONTID:0000323) Prenol lipids (CHEMONTID:0000259) 3	5	Carboxylic acids and derivatives (CHEMONTID:0000265)	22
Endocannabinoids (CHEMONTID:0001103) 1 Fatty Acyls (CHEMONTID:0003909) 13 Flavonoids (CHEMONTID:0000334) 5 Flavonoids (CHEMONTID:0000334) 5 If Glycerophospholipids (CHEMONTID:0000256) 1 Imidazopyrimidines (CHEMONTID:0001797) 4 If Indoles and derivatives (CHEMONTID:0000211) 6 If Isoflavonoids (CHEMONTID:0002506) 4 If Isoquinolines and derivatives (CHEMONTID:0002566) 1 If Lactams (CHEMONTID:0000160) 1 If Linear 1,3-diarylpropanoids (CHEMONTID:0003467) 2 If Organic oxides (CHEMONTID:0003940) 1 If Organic sulfonic acids and derivatives (CHEMONTID:0004434) 1 If Organooxygen compounds (CHEMONTID:0000278) 8 If Organooxygen compounds (CHEMONTID:0000323) 2 Indoles and Indoles an	6	Cinnamic acids and derivatives (CHEMONTID:0000476)	2
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Glycerophospholipids (CHEMONTID:0000256) Imidazopyrimidines (CHEMONTID:0001797) Indoles and derivatives (CHEMONTID:0000211) Isoflavonoids (CHEMONTID:00002506) Isoquinolines and derivatives (CHEMONTID:0002566) Lactams (CHEMONTID:0000160) Linear 1,3-diarylpropanoids (CHEMONTID:0003467) Organic oxides (CHEMONTID:0003940) Organic sulfonic acids and derivatives (CHEMONTID:0004434) Organonitrogen compounds (CHEMONTID:0000278) Organooxygen compounds (CHEMONTID:0000323) Prenol lipids (CHEMONTID:0000259) 3	9	Fatty Acyls (CHEMONTID:0003909)	13
Imidazopyrimidines (CHEMONTID:0001797) 4 Indoles and derivatives (CHEMONTID:0000211) 6 Isoflavonoids (CHEMONTID:0002506) 4 Isoquinolines and derivatives (CHEMONTID:0002566) 1 Indoles and derivatives (CHEMONTID:0003566) 1 Indoles and derivatives (CHEMONTID:0000566) 1 Indoles and derivatives (CHEMON	10	Flavonoids (CHEMONTID:0000334)	5
Indoles and derivatives (CHEMONTID:0000211) 6 Isoflavonoids (CHEMONTID:0002506) 4 Isoquinolines and derivatives (CHEMONTID:0002566) 1 Lactams (CHEMONTID:0000160) 1 Linear 1,3-diarylpropanoids (CHEMONTID:0003467) 2 Norganic oxides (CHEMONTID:0003940) 1 Organic sulfonic acids and derivatives (CHEMONTID:0004434) 1 Organonitrogen compounds (CHEMONTID:0000278) 8 Organooxygen compounds (CHEMONTID:0000323) 2 Prenol lipids (CHEMONTID:0000259) 3	11	Glycerophospholipids (CHEMONTID:0000256)	1
Isoflavonoids (CHEMONTID:0002506) Isoquinolines and derivatives (CHEMONTID:0002566) Lactams (CHEMONTID:0000160) Linear 1,3-diarylpropanoids (CHEMONTID:0003467) Organic oxides (CHEMONTID:0003940) Organic sulfonic acids and derivatives (CHEMONTID:0004434) Organonitrogen compounds (CHEMONTID:0000278) Organooxygen compounds (CHEMONTID:0000323) Prenol lipids (CHEMONTID:0000259) 3	12	Imidazopyrimidines (CHEMONTID:0001797)	4
Isoquinolines and derivatives (CHEMONTID:0002566) Lactams (CHEMONTID:0000160) Linear 1,3-diarylpropanoids (CHEMONTID:0003467) Organic oxides (CHEMONTID:0003940) Organic sulfonic acids and derivatives (CHEMONTID:0004434) Organonitrogen compounds (CHEMONTID:0000278) Organooxygen compounds (CHEMONTID:0000323) Prenol lipids (CHEMONTID:0000259) 3	13	Indoles and derivatives (CHEMONTID:0000211)	6
Lactams (CHEMONTID:0000160) Linear 1,3-diarylpropanoids (CHEMONTID:0003467) Organic oxides (CHEMONTID:0003940) Organic sulfonic acids and derivatives (CHEMONTID:0004434) Organonitrogen compounds (CHEMONTID:0000278) Organooxygen compounds (CHEMONTID:0000323) Prenol lipids (CHEMONTID:0000259) 3	14	Isoflavonoids (CHEMONTID:0002506)	4
Linear 1,3-diarylpropanoids (CHEMONTID:0003467) 2 18 Organic oxides (CHEMONTID:0003940) 1 19 Organic sulfonic acids and derivatives (CHEMONTID:0004434) 1 20 Organonitrogen compounds (CHEMONTID:0000278) 8 21 Organooxygen compounds (CHEMONTID:0000323) 2 Prenol lipids (CHEMONTID:0000259) 3	15	Isoquinolines and derivatives (CHEMONTID:0002566)	1
Organic oxides (CHEMONTID:0003940) 19 Organic sulfonic acids and derivatives (CHEMONTID:0004434) 1 Organonitrogen compounds (CHEMONTID:0000278) 21 Organooxygen compounds (CHEMONTID:0000323) 22 Prenol lipids (CHEMONTID:0000259) 3	16	Lactams (CHEMONTID:0000160)	1
19 Organic sulfonic acids and derivatives (CHEMONTID:0004434) 1 20 Organonitrogen compounds (CHEMONTID:0000278) 8 21 Organooxygen compounds (CHEMONTID:0000323) 2 22 Prenol lipids (CHEMONTID:0000259) 3	17	Linear 1,3-diarylpropanoids (CHEMONTID:0003467)	2
Organonitrogen compounds (CHEMONTID:0000278) 8 Corganooxygen compounds (CHEMONTID:0000323) 2 Prenol lipids (CHEMONTID:0000259) 3	18	Organic oxides (CHEMONTID:0003940)	1
21 Organooxygen compounds (CHEMONTID:0000323) 2 22 Prenol lipids (CHEMONTID:0000259) 3	19	Organic sulfonic acids and derivatives (CHEMONTID:0004434)	1
Prenol lipids (CHEMONTID:0000259) 3	20	Organonitrogen compounds (CHEMONTID:0000278)	8
,	21	Organooxygen compounds (CHEMONTID:0000323)	2
Purine nucleosides (CHEMONTID:0000479) 2	22	Prenol lipids (CHEMONTID:0000259)	3
	23	Purine nucleosides (CHEMONTID:0000479)	2