





|   | classyfire.superclass                                       | n  |
|---|-------------------------------------------------------------|----|
| 1 | Alkaloids and derivatives (CHEMONTID:0000279)               | 1  |
| 2 | Benzenoids (CHEMONTID:0002448)                              | 8  |
| 3 | Lipids and lipid-like molecules (CHEMONTID:0000012)         | 5  |
| 4 | Nucleosides, nucleotides, and analogues (CHEMONTID:0000289) | 9  |
| 5 | Organic acids and derivatives (CHEMONTID:0000264)           | 16 |
| 6 | Organic nitrogen compounds (CHEMONTID:0004707)              | 1  |
| 7 | Organic oxygen compounds (CHEMONTID:0004603)                | 6  |
| 8 | Organoheterocyclic compounds (CHEMONTID:0000002)            | 13 |
| 9 | Phenylpropanoids and polyketides (CHEMONTID:0000261)        | 9  |

|    | classyfire.class                                        | n  |
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| 1  | 5'-deoxyribonucleosides (CHEMONTID:0004502)             | 1  |
| 2  | Anthracenes (CHEMONTID:0000018)                         | 1  |
| 3  | Azoles (CHEMONTID:0000436)                              | 1  |
| 4  | Benzene and substituted derivatives (CHEMONTID:0002279) | 6  |
| 5  | Biotin and derivatives (CHEMONTID:0000244)              | 2  |
| 6  | Carboxylic acids and derivatives (CHEMONTID:0000265)    | 14 |
| 7  | Cinnamic acids and derivatives (CHEMONTID:0000476)      | 1  |
| 8  | Coumarins and derivatives (CHEMONTID:0000145)           | 3  |
| 9  | Diazines (CHEMONTID:0001346)                            | 1  |
| 10 | Fatty Acyls (CHEMONTID:0003909)                         | 4  |
| 11 | Flavonoids (CHEMONTID:0000334)                          | 5  |
| 12 | Imidazopyrimidines (CHEMONTID:0001797)                  | 3  |
| 13 | Indoles and derivatives (CHEMONTID:0000211)             | 3  |
| 14 | Keto acids and derivatives (CHEMONTID:0000389)          | 2  |
| 15 | Organonitrogen compounds (CHEMONTID:0000278)            | 1  |
| 16 | Organooxygen compounds (CHEMONTID:0000323)              | 6  |
| 17 | Phenols (CHEMONTID:0000134)                             | 1  |
| 18 | Prenol lipids (CHEMONTID:0000259)                       | 1  |
| 19 | Purine nucleosides (CHEMONTID:0000479)                  | 2  |
| 20 | Pyridines and derivatives (CHEMONTID:0000089)           | 1  |