





|   | classyfire.superclass                                       | n  |
|---|---|----|
| 1 | Benzenoids (CHEMONTID:0002448)                              | 3  |
| 2 | Lipids and lipid-like molecules (CHEMONTID:0000012)         | 9  |
| 3 | Nucleosides, nucleotides, and analogues (CHEMONTID:0000289) | 10 |
| 4 | Organic acids and derivatives (CHEMONTID:0000264)           | 42 |
| 5 | Organic nitrogen compounds (CHEMONTID:0004707)              | 14 |
| 6 | Organic oxygen compounds (CHEMONTID:0004603)                | 4  |
| 7 | Organoheterocyclic compounds (CHEMONTID:0000002)            | 45 |

|    | classyfire.class   | n  |
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| 1  | (5'->5')-dinucleotides (CHEMONTID:0003468)                   | 1  |
| 2  | 5'-deoxyribonucleosides (CHEMONTID:0004502)                  | 2  |
| 3  | Azoles (CHEMONTID:0000436)                                   | 2  |
| 4  | Benzene and substituted derivatives (CHEMONTID:0002279)      | 2  |
| 5  | Benzimidazoles (CHEMONTID:0000294)                           | 1  |
| 6  | Biotin and derivatives (CHEMONTID:0000244)                   | 1  |
| 7  | Carboximidic acids and derivatives (CHEMONTID:0002285)       | 1  |
| 8  | Carboxylic acids and derivatives (CHEMONTID:0000265)         | 37 |
| 9  | Diazines (CHEMONTID:0001346)                                 | 5  |
| 10 | Fatty Acyls (CHEMONTID:0003909)                              | 2  |
| 11 | Glycerolipids (CHEMONTID:0000175)                            | 2  |
| 12 | Glycerophospholipids (CHEMONTID:0000256)                     | 1  |
| 13 | Imidazopyrimidines (CHEMONTID:0001797)                       | 8  |
| 14 | Indoles and derivatives (CHEMONTID:0000211)                  | 12 |
| 15 | Naphthalenes (CHEMONTID:0000023)                             | 1  |
| 16 | Organic phosphonic acids and derivatives (CHEMONTID:0000419) | 1  |
| 17 | Organic phosphoric acids and derivatives (CHEMONTID:0000402) | 1  |
| 18 | Organonitrogen compounds (CHEMONTID:0000278)                 | 14 |
| 19 | Organooxygen compounds (CHEMONTID:0000323)                   | 4  |
| 20 | Peptidomimetics (CHEMONTID:0001813)                          | 2  |
| 21 | Pteridines and derivatives (CHEMONTID:0000109)               | 5  |
| 22 | Purine nucleosides (CHEMONTID:0000479)                       | 2  |
| 23 | Purine nucleotides (CHEMONTID:0001506)                       | 2  |