





|   | classyfire.superclass                                       | n  |
|---|---|----|
| 1 | Benzenoids (CHEMONTID:0002448)                              | 3  |
| 2 | Lipids and lipid-like molecules (CHEMONTID:0000012)         | 32 |
| 3 | Nucleosides, nucleotides, and analogues (CHEMONTID:0000289) | 39 |
| 4 | Organic acids and derivatives (CHEMONTID:0000264)           | 63 |
| 5 | Organic nitrogen compounds (CHEMONTID:0004707)              | 3  |
| 6 | Organic oxygen compounds (CHEMONTID:0004603)                | 58 |
| 7 | Organoheterocyclic compounds (CHEMONTID:0000002)            | 11 |
| 8 | Phenylpropanoids and polyketides (CHEMONTID:0000261)        | 6  |
| 9 | NA  | 1  |

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|----|---|----|
| 1  | (5'->5')-dinucleotides (CHEMONTID:0003468)                        | 2  |
| 2  | 5'-deoxyribonucleosides (CHEMONTID:0004502)                       | 4  |
| 3  | Azoles (CHEMONTID:0000436)  | 1  |
| 4  | Benzene and substituted derivatives (CHEMONTID:0002279)           | 1  |
| 5  | Biotin and derivatives (CHEMONTID:0000244)                        | 1  |
| 6  | Carboxylic acids and derivatives (CHEMONTID:0000265)              | 60 |
| 7  | Cinnamaldehydes (CHEMONTID:0000029)                               | 1  |
| 8  | Cinnamic acids and derivatives (CHEMONTID:0000476)                | 5  |
| 9  | Fatty Acyls (CHEMONTID:0003909)                                   | 11 |
| 10 | Glycerolipids (CHEMONTID:0000175)                                 | 2  |
| 11 | Glycerophospholipids (CHEMONTID:0000256)                          | 1  |
| 12 | Hydroxy acids and derivatives (CHEMONTID:0000472)                 | 1  |
| 13 | Imidazole ribonucleosides and ribonucleotides (CHEMONTID:0001997) | 1  |
| 14 | Indoles and derivatives (CHEMONTID:0000211)                       | 3  |
| 15 | Lactones (CHEMONTID:0000050)                                      | 5  |
| 16 | Organonitrogen compounds (CHEMONTID:0000278)                      | 3  |
| 17 | Organooxygen compounds (CHEMONTID:0000323)                        | 58 |
| 18 | Peptidomimetics (CHEMONTID:0001813)                               | 2  |
| 19 | Phenols (CHEMONTID:0000134)                                       | 2  |
| 20 | Prenol lipids (CHEMONTID:0000259)                                 | 2  |
| 21 | Purine nucleosides (CHEMONTID:0000479)                            | 7  |
| 22 | Purine nucleotides (CHEMONTID:0001506)                            | 12 |