





|   | classyfire.superclass                                       | n  |
|---|---|----|
| 1 | Benzenoids (CHEMONTID:0002448)                              | 3  |
| 2 | Lipids and lipid-like molecules (CHEMONTID:0000012)         | 7  |
| 3 | Nucleosides, nucleotides, and analogues (CHEMONTID:0000289) | 11 |
| 4 | Organic acids and derivatives (CHEMONTID:0000264)           | 28 |
| 5 | Organic oxygen compounds (CHEMONTID:0004603)                | 3  |
| 6 | Organoheterocyclic compounds (CHEMONTID:0000002)            | 16 |
| 7 | Phenylpropanoids and polyketides (CHEMONTID:0000261)        | 2  |

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| 1  | Azoles (CHEMONTID:0000436)                                   | 1  |
| 2  | Benzene and substituted derivatives (CHEMONTID:0002279)      | 1  |
| 3  | Biotin and derivatives (CHEMONTID:0000244)                   | 1  |
| 4  | Carboxylic acids and derivatives (CHEMONTID:0000265)         | 21 |
| 5  | Cinnamic acids and derivatives (CHEMONTID:0000476)           | 1  |
| 6  | Fatty Acyls (CHEMONTID:0003909)                              | 5  |
| 7  | Hydroxy acids and derivatives (CHEMONTID:0000472)            | 2  |
| 8  | Imidazopyrimidines (CHEMONTID:0001797)                       | 5  |
| 9  | Indoles and derivatives (CHEMONTID:0000211)                  | 4  |
| 10 | Keto acids and derivatives (CHEMONTID:0000389)               | 1  |
| 11 | Naphthalenes (CHEMONTID:0000023)                             | 1  |
| 12 | Organic phosphonic acids and derivatives (CHEMONTID:0000419) | 1  |
| 13 | Organic phosphoric acids and derivatives (CHEMONTID:0000402) | 1  |
| 14 | Organic sulfonic acids and derivatives (CHEMONTID:0004434)   | 1  |
| 15 | Organic sulfuric acids and derivatives (CHEMONTID:0000403)   | 1  |
| 16 | Organooxygen compounds (CHEMONTID:0000323)                   | 3  |
| 17 | Phenols (CHEMONTID:0000134)                                  | 1  |
| 18 | Phenylpropanoic acids (CHEMONTID:0002551)                    | 1  |
| 19 | Pteridines and derivatives (CHEMONTID:0000109)               | 3  |
| 20 | Purine nucleosides (CHEMONTID:0000479)                       | 1  |