





|   | classyfire.superclass                                       | n  |
|---|---|----|
| 1 | Alkaloids and derivatives (CHEMONTID:0000279)               | 1  |
| 2 | Benzenoids (CHEMONTID:0002448)                              | 13 |
| 3 | Lipids and lipid-like molecules (CHEMONTID:0000012)         | 34 |
| 4 | Nucleosides, nucleotides, and analogues (CHEMONTID:0000289) | 10 |
| 5 | Organic acids and derivatives (CHEMONTID:0000264)           | 63 |
| 6 | Organic nitrogen compounds (CHEMONTID:0004707)              | 10 |
| 7 | Organic oxygen compounds (CHEMONTID:0004603)                | 7  |
| 8 | Organoheterocyclic compounds (CHEMONTID:0000002)            | 35 |
| 9 | Phenylpropanoids and polyketides (CHEMONTID:0000261)        | 1  |

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|----------------------|--|----------------|--|
| 1                    | classyfire.class  Benzene and substituted derivatives (CHEMONTID:0002279)      | <b>n</b><br>12 |  |
| 1<br>2               | Carboximidic acids and derivatives (CHEMONTID:0002279)                         | 2              |  |
| 2                    | Carboxylic acids and derivatives (CHEMONTID:0002265)                           | 53             |  |
| <u>ح</u>             | Cinnamic acids and derivatives (CHEMONTID:0000263)                             | 1              |  |
| 5                    | Diazines (CHEMONTID:0001346)   | 4              |  |
| 6                    | Fatty Acyls (CHEMONTID:0003909)  | 23             |  |
| 7                    | Flavin nucleotides (CHEMONTID:0001329)   | 1              |  |
| 8                    | Glycerophospholipids (CHEMONTID:0000256)                                       | 3              |  |
| 9                    | Hydroxy acids and derivatives (CHEMONTID:0000472)                              | 1              |  |
| 9<br>10              | Imidazopyrimidines (CHEMONTID:0000472)   | 13             |  |
| 11                   | Indoles and derivatives (CHEMONTID:0000211)                                    | 6              |  |
| 12                   | Keto acids and derivatives (CHEMONTID:0000389)                                 | 1              |  |
| 3                    | Organic carbonic acids and derivatives (CHEMONTID:0000364)                     | 4              |  |
| 14                   | Organic sulfonic acids and derivatives (CHEMONTID:0004434)                     | 1              |  |
| 1 <del>-</del><br>15 | Organonitrogen compounds (CHEMONTID:0000278)                                   | 10             |  |
| 16                   | Organooxygen compounds (CHEMONTID:0000276)                                     | 7              |  |
| 17                   | Peptidomimetics (CHEMONTID:0001813)  | 1              |  |
| 18                   | Phenols (CHEMONTID:000134)   | 1              |  |
| 19                   | Pteridines and derivatives (CHEMONTID:0000109)                                 | 1              |  |
| 19<br>20             | Purine nucleosides (CHEMONTID:0000479)   | 5              |  |
| 20<br>21             | Purine nucleotides (CHEMONTID:0000479)  Purine nucleotides (CHEMONTID:0001506) | 1              |  |
| 21                   | Fullile Hudieotides (CHEMONTID.0001300)  | ı              |  |