

|   | classyfire.kingdom                      | n    |
|---|---|------|
| 1 | Inorganic compounds (CHEMONTID:0000001) | 1    |
| 2 | Organic compounds (CHEMONTID:0000000)   | 2285 |
| 3 | NA                                      | 4    |



|    | classyfire.superclass                                       | n   |
|----|---|-----|
| 1  | Alkaloids and derivatives (CHEMONTID:0000279)               | 68  |
| 2  | Benzenoids (CHEMONTID:0002448)                              | 840 |
| 3  | Homogeneous non-metal compounds (CHEMONTID:0000423)         | 1   |
| 4  | Hydrocarbon derivatives (CHEMONTID:0004150)                 | 1   |
| 5  | Lipids and lipid-like molecules (CHEMONTID:0000012)         | 135 |
| 6  | Nucleosides, nucleotides, and analogues (CHEMONTID:0000289) | 7   |
| 7  | Organic acids and derivatives (CHEMONTID:0000264)           | 206 |
| 8  | Organic nitrogen compounds (CHEMONTID:0004707)              | 74  |
| 9  | Organic oxygen compounds (CHEMONTID:0004603)                | 110 |
| 10 | Organohalogen compounds (CHEMONTID:0000267)                 | 2   |
| 11 | Organoheterocyclic compounds (CHEMONTID:0000002)            | 763 |
| 12 | Organometallic compounds (CHEMONTID:0000462)                | 1   |
| 13 | Organophosphorus compounds (CHEMONTID:0000400)              | 6   |
| 14 | Organosulfur compounds (CHEMONTID:0000004)                  | 21  |
| 15 | Phenylpropanoids and polyketides (CHEMONTID:0000261)        | 51  |
| 16 | NA  | 4   |

| 59 | Ergoline and derivatives (CHEMONTID:0002679)      | 10  |
|----|---|-----|
| 60 | Fatty Acyls (CHEMONTID:0003909)                   | 35  |
| 61 | Flavonoids (CHEMONTID:0000334)                    | 1   |
| 62 | Furans (CHEMONTID:0000076)                        | 1   |
| 63 | Harmala alkaloids (CHEMONTID:0001140)             | 3   |
| 64 | Heteroaromatic compounds (CHEMONTID:0004144)      | 3   |
| 65 | Hydroxy acids and derivatives (CHEMONTID:0000472) | 4   |
| 66 | Imidazopyridines (CHEMONTID:0000328)              | 1   |
| 67 | Imidazopyrimidines (CHEMONTID:0001797)            | 23  |
| 68 | Imidazothiazoles (CHEMONTID:0000756)              | 1   |
| 69 | Indanes (CHEMONTID:0000027)                       | 3   |
| 70 | Indenes and isoindenes (CHEMONTID:0000021)        | 2   |
| 71 | Indoles and derivatives (CHEMONTID:0000211)       | 130 |
| 72 | Isocoumarans (CHEMONTID:0004191)                  | 1   |
| 73 | Isoflavonoids (CHEMONTID:0002506)                 | 3   |
| 74 | Isoindoles and derivatives (CHEMONTID:0001819)    | 11  |
| 75 | Isoquinolines and derivatives (CHEMONTID:0002566) | 2   |
| 76 | Kavalactones (CHEMONTID:0001761)                  | 1   |
| 77 | Lactams (CHEMONTID:0000160)                       | 7   |
| 78 | Lactones (CHEMONTID:0000050)                      | 2   |
| 79 | Linear 1,3-diarylpropanoids (CHEMONTID:0003467)   | 4   |
| 80 | Macrolactams (CHEMONTID:0000064)                  | 1   |
| 81 | Macrolides and analogues (CHEMONTID:0000147)      | 8   |
| 82 | Morphinans (CHEMONTID:0000058)                    | 19  |
| 83 | Naphthacenes (CHEMONTID:0000022)                  | 1   |