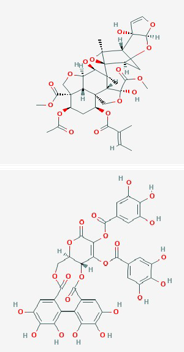
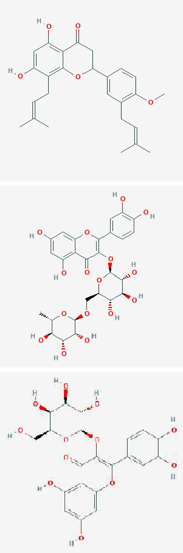
Table1. List of natural compounds agents docked against COVID-19

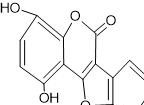
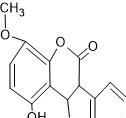
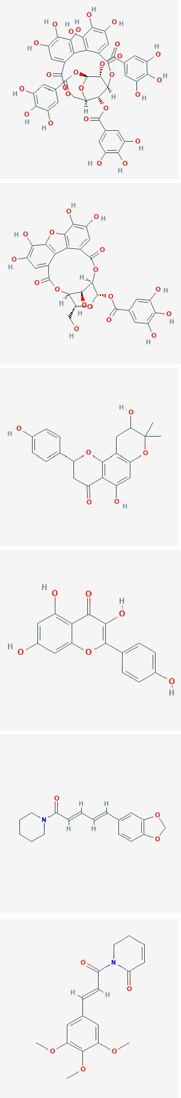
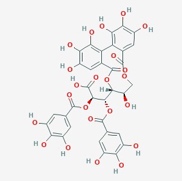


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| **S.No. 1.** | **Molecular name of Ligands**  Nimbaflavone | **2D Structure** | **Compound CID**  14492795 | ***Plant***  *Azadirachta indica* | **Target or inhibition** Anti-Influenza |
| **2.** | Rutin |  | *5280805* | *Azadirachta indica* | Anti-Influenza |
| **3.** | Hyperoside |  | *5281643* | *Azadirachta indica* | Anti-Influenza |
| **4.** | Azadirachtin |  | *5281303* | *Azadirachta indica* | Anti-Dengue |
| **5.** | Emblicanin A |  | *119058016* | *Phyllanthus emblica* | Anti-oxidant |

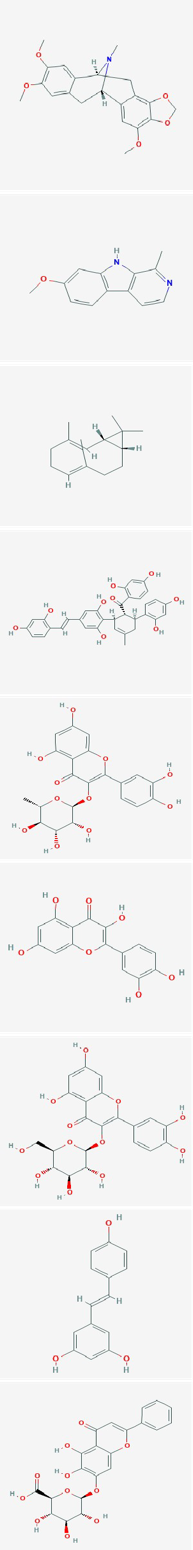
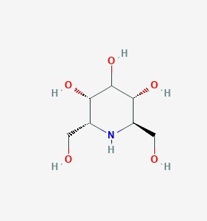
A close up of a logo

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| **6.** | Punigluconin | *21637585* | *Phyllanthus emblica* | Anti-viral |
| 7. | Punicafolin | *5320800* | *Phyllanthus emblica* | Anti-viral |
| **8.** | Phyllanemblinin A | *3084341* | *Phyllanthus emblica* | Anti-pyretic |
| **9.** | Flavonoid | *44257868* | *Phyllanthus emblica* | Anti-viral |
| **10.** | Kaempferol | *102004842* | *Phyllanthus emblica* | Anti-viral |
| **11.** | Piperine | 638024 | *Piper longum* | Anti-viral |
| **12.** | Piper longumine | *637858* | *Piper longum* | Anti-cancer and Anti-inflamatory |
| **13.** | Weddolactone | chemsketch | *Eclipta prostrata* | Inhibit protease activity as well as the activity of phospholipase A2 |
| **14.** | Desmethylweddolactone | chemsketch | *Eclipta prostrata* | Inhibit protease activity as well as the activity of phospholipase  A2 |
| **15.** | Stigmasterol | *5280794* | *Eclipta prostrata* | antitumor, hypoglycaemic, antimutagenic, antioxidant, and anti-  inflammatory |
| **16.** | Heptacosanol | 74822 | *Eclipta prostrata* | Anti-microbes |

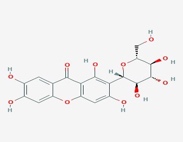
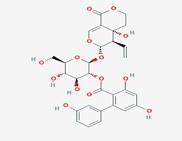
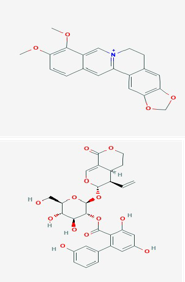
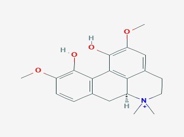
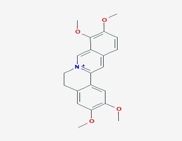


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| **17.** | Hentriacontanol | *74822* | *Eclipta prostrata* | Anti-microbes, and Antidiabetic |
| **18.** | Homonojirimycin | 159496 | *Omphalea diandra* | Anti-HSV |
| **19.** | Thalimonine | 10893946 | *Thalictrum simplex L.* | Anti-influenza |
| **20.** | Harmine | 5280953 | *Peganum harmala* | Inhibition of viral entry |
| **21.** | Bicyclogermacrene | 13894537 | *Glechonm arifolia* | Inhibition of viral attachment |
| **22.** | Kuwanon x | 14334306 | *Morus alba* | Inhibition of early stage of viral infection |
| **23.** | Quercitrin | 5280459 | *Houttuynia cordata* | Inhibition of viral entry and binding |
| **24.** | Quercitin | 5280343 | *Houttuynia cordata* | Inhibition of viral entry and binding |
| **25.** | Isoquercitrin | 5280804 | *Houttuynia cordata* | Inhibition of viral entry and binding |
| **26.** | Resveratrol | 445154 | *Veratum grandiflorum* | Inhibition of viral replication |
| **27.** | Baicalin | 64982 | *Scutellaria baicalensis* | Anti-HIV |

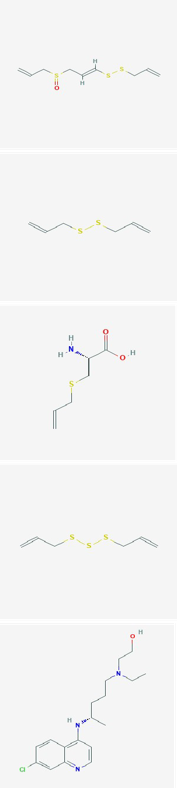
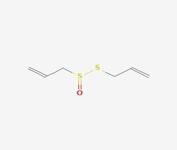
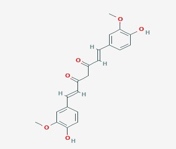
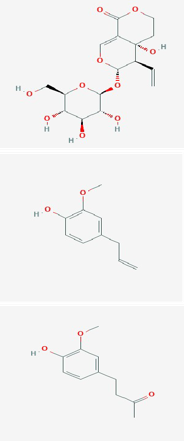
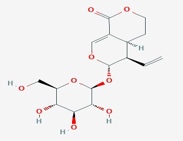
A close up of a map

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| **28.** | Betulinic acid | 64971 | *Symplocosrac emosa* | Anti-HIV |
| **29.** | Calanolide A | 64972 | *Calophyllum Spp.* | Anti-HIV |
| **30.** | Lithospermic Acid | 6441498 | *Salvia miltiorrhiza* | Anti-HIV |
| **31.** | Tinosoprin A | 122206355 | *Tinospora cordifolia* | Anti-HIV |
| **32.** | Jatrorrhizine | 72323 | *Tinospora cordifolia* | Anti- inflammatory effect, Anti microbial and  anti fungal |
| **33.** | Palmatine | 19009 | *Tinospora cordifolia* | Inhibitor of West Nile virus |
| **34.** | Magnoflorine | 73337 | *Tinospora cordifolia* | Anti-viral |
| **35.** | Berberine | 2353 | *Tinospora cordifolia* | Anti-influenza |
| **36.** | Amarogentin | 115149 | *Swertia chirata* | Anticancer, Anti- Infective, Anti- diabetic and anti- oxidative |
| **37.** | Amaroswerin | 45359883 | *Swertia chirata* | Anti-inflamatory and anti- gastrointestinal disease |
| **38.** | Mangiferin | 5281647 | *Swertia chirata* | Antioxidative, Antiaging, Antitumor, Antibacterial,  and Antiviral |
| **39.** | Gentiopicrin | 88708 | *Swertia chirata* | Anti- gastrointestinal disease |



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| **40.** | Sweroside | 161036 | *Swertia chirata* | Anti-fungal, Anti-diabetic, Anti- inflammatory |
| **41.** | Swertiamarin | 442435 | *Swertia chirata* | Anti-HBV |
| **42.** | Eugenol | 3314 | *Eugenia Carophyllous* | Anti-viral |
| **43.** | Zingerone | 31211 | *Zingiber officinale* | Anti-viral |
| **44.** | Curcumin | 969516 | *Curcuma longa* | Antiviral |
| **45.** | Allicin | 65036 | *Allium sativum L* | Anti-viral |
| **46.** | Ajoene | 5386591 | *Allium sativum L* | Anti-virus |
| **47.** | Diallyl disulfide(DDS) | 16590 | *Allium sativum L* | Anti-infectious bronchitis virus |
| **48.** | S-Allyl-L-cysteine | 9793905 | *Allium sativum L* | Anti-infectious bronchitis virus |
| **49.** | Diallyltrisulfide (DTS) | 16315 | *Allium sativum L* | Anti-infectious bronchitis virus |
| **50.** | Hydroxychloroquine | 178396 | Malaria drug | Anti-malaria |
| **51.** | Ribavirin | 37542 | HIV drug | Anti-HIV |

A screenshot of a cell phone

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