

Molecular Coding Format examples

Author : Akira Yamaji Date : December 12, 2020

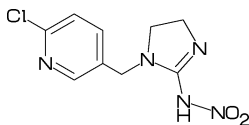
Located at : <http://www.ctan.org/pkg/mcf2graph>

** FM:Molecular formula calculated by mcf2graph

** MW:Molecular weight calculated by mcf2graph

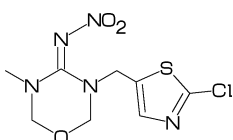
1:Imidacloprid

MW:255.661 / FM:C9H10ClN5O2
MW:255.662 (data)



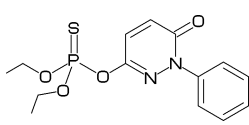
2:Thiamethoxam

MW:291.7146 / FM:C8H10ClN5O3S
MW:291.71 (data)



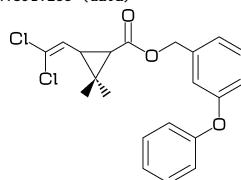
3:Pyridaphenthion

MW:340.3345 / FM:C14H17N2O4PS
MW:340.334 (data)



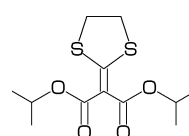
4:Permethrin

MW:391.2876 / FM:C21H20Cl2O3
MW:391.288 (data)



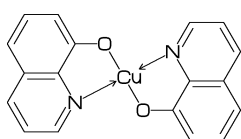
5:Isoprothiolane

MW:290.3989 / FM:C12H18O4S2
MW:290.392 (data)



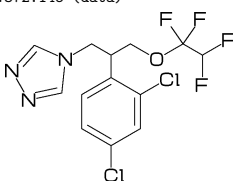
6:Oxine-Copper

MW:351.8460 / FM:C18H12CuN2O2
MW:351.852 (data)



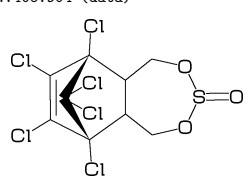
7:Tetraconazole

MW:372.1455 / FM:C13H11Cl2F4N3O
MW:372.145 (data)



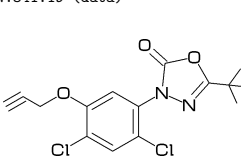
8:Endosulfan

MW:406.9251 / FM:C9H6Cl6O3S
MW:406.904 (data)



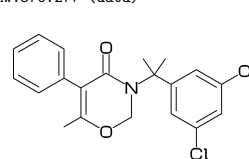
9:Oxadiazargyl

MW:341.1892 / FM:C15H14Cl2N2O3
MW:341.19 (data)



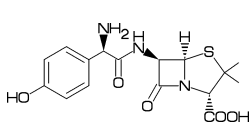
10:Oxaziclomefone

MW:376.2763 / FM:C20H19Cl2N2O2
MW:376.277 (data)



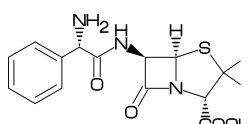
11:Amoxicillin

MW:365.4041 / FM:C16H19N3O5S
MW:365.4042 (data)



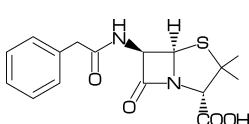
12:Ampicillin

MW:349.4047 / FM:C16H19N3O4S
MW:349.405 (data)



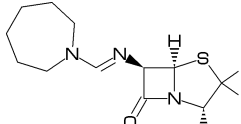
13:Benzyl-Penicillin

MW:334.3901 / FM:C16H18N2O4S
MW:334.4 (data)



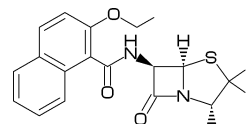
14:Mecillinam

MW:325.4264 / FM:C15H23N3O3S
MW:325.4264 (data)



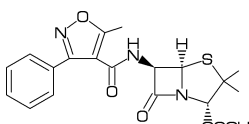
15:Nafcillin

MW:414.4747 / FM:C21H22N2O5S
MW:414.4748 (data)



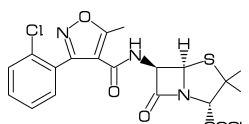
16:Oxacillin

MW:401.4362 / FM:C19H19N3O5S
MW:401.4363 (data)



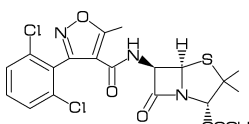
17:Cloxacillin

MW:435.8813 / FM:C19H18ClN3O5S
MW:435.8813 (data)



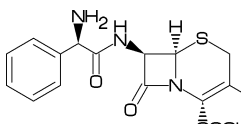
18:Dicloxacillin

MW:470.3263 / FM:C19H17Cl2N3O5S
MW:470.3264 (data)



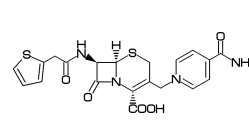
19:Cefalexin

MW:347.3888 / FM:C16H17N3O4S
MW:347.3889 (data)



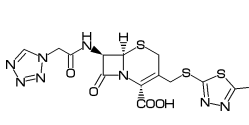
20:Cefalonium

MW:459.5186 / FM:C20H19N4O5S2
MW:459.5107 (data)



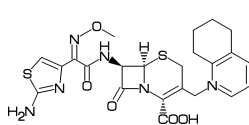
21:Cefazolin

MW:454.5071 / FM:C14H14N4O4S3
MW:454.51 (data)



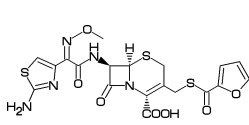
22:Cefquinome

MW:529.6118 / FM:C23H25N6O5S2
MW:529.6 (data)



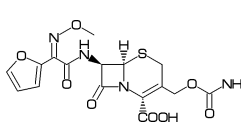
23:Ceftiofur

MW:523.5625 / FM:C19H17N5O7S3
MW:523.5626 (data)



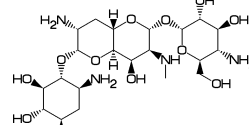
24:Cefuroxime

MW:424.3852 / FM:C16H16N4O8S
MW:424.3852 (data)



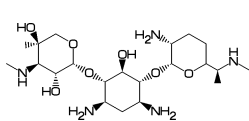
25:Apramycin

MW:539.5771 / FM:C21H41N5O11
MW:539.58 (data)



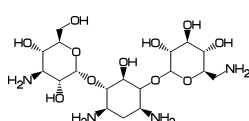
26:Gentamycin

MW:477.5954 / FM:C21H43N7O7
MW:477.596 (data)



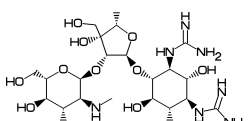
27:Kanamycin

MW:484.4986 / FM:C18H36N4O11
MW:484.499 (data)



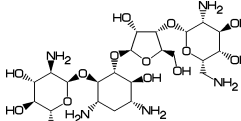
28:DihydroStreptomycin

MW:583.5899 / FM:C21H41N7O12
MW:583.574 (data)



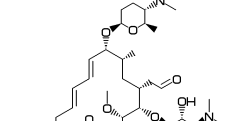
29:Fradiomycin

MW:614.6437 / FM:C23H46N6O13
MW:614.644 (data)



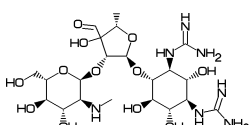
30:Neospiramycin

MW:698.8842 / FM:C36H62N2O11
MW:698.9 (data)



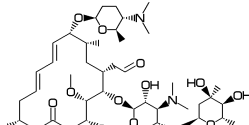
31:Streptomycin

MW:581.5740 / FM:C21H39N7O12
MW:581.574 (data)



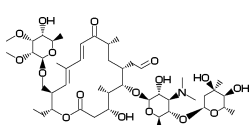
32:Spiramycin

MW:843.0526 / FM:C43H74N2O14
MW:843.1 (data)



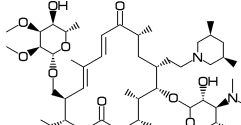
33:Tylocin

MW:916.1000 / FM:C46H77N10
MW:916.10 (data)



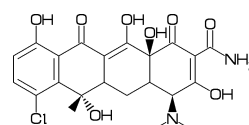
34:Tilmicosin

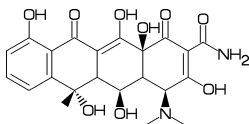
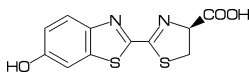
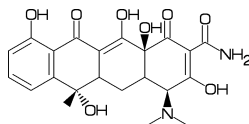
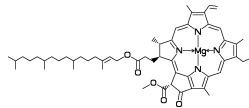
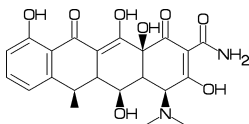
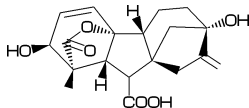
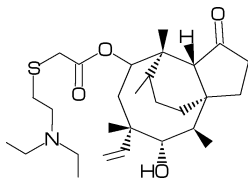
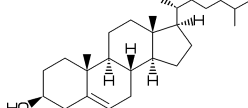
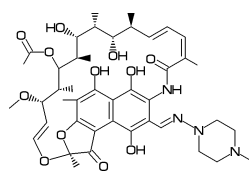
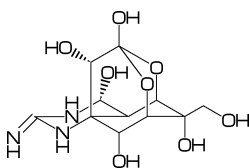
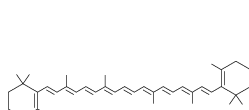
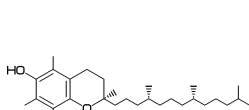
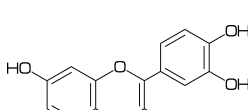
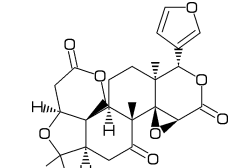
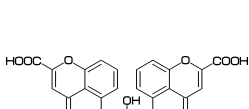
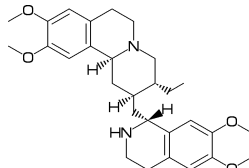
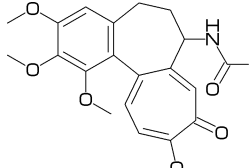
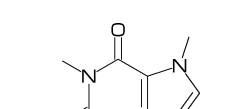
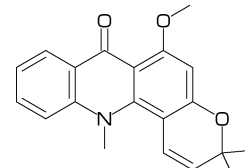
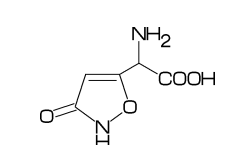
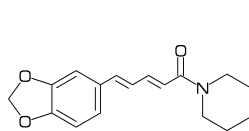
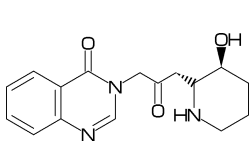
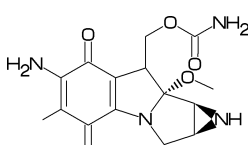
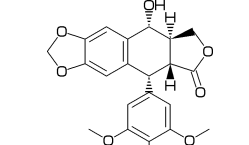
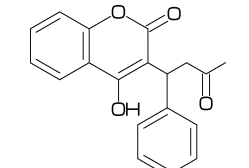
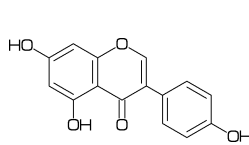
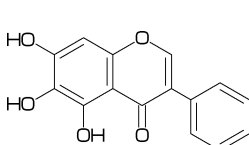
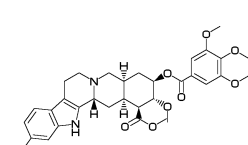
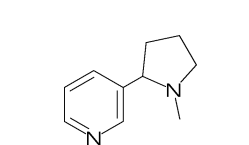
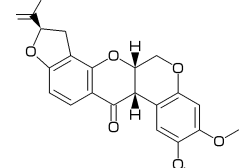
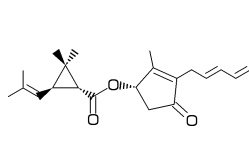
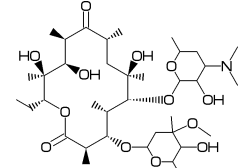
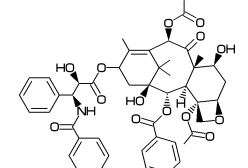
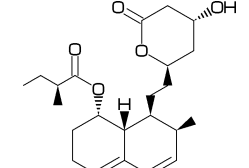
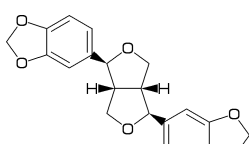
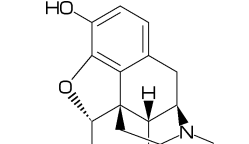
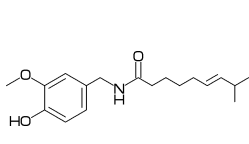
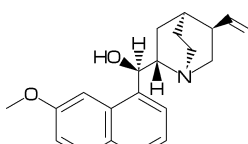
MW:869.1330 / FM:C46H80N2O13
MW:869.133 (data)



35:Chlortetracycline

MW:478.8796 / FM:C22H23ClN2O8
MW:478.88 (data)



36:OxytetracyclinMW:460.4339 / FM:C22H24N2O9
MW:460.434 (data)**41:Luciferin**MW:280.3228 / FM:C11H8N2O3S2
MW:280.33 (data)**37:Tetracyclin**MW:444.4345 / FM:C22H24N2O8
MW:444.435 (data)**42:Chlorophyll a**MW:893.4889 / FM:C55H72MgN4O5
MW:893.509 (data)**38:Doxycycline**MW:444.4345 / FM:C22H24N2O8
MW:444.43 (data)**43:Gibberellin A3**MW:346.3743 / FM:C19H22O6
MW:346.379 (data)**39:Tiamulin**MW:493.7420 / FM:C28H47N4S
MW:493.74 (data)**44:Cholesterol**MW:386.6535 / FM:C27H46O
MW:386.664 (data)**40:Rifampicin**MW:822.9402 / FM:C43H58N4O12
MW:822.94 (data)**46:Tetrodotoxine**MW:319.2679 / FM:C11H17N3O8
MW:319.27 (data)**47:beta-Carotene**MW:480.428 / FM:C40
MW:536.888 (data)**48:alpha-Tocopherol**MW:430.7060 / FM:C29H50O2
MW:430.717 (data)**49:Quercetin**MW:302.2357 / FM:C15H10O7
MW:302.24 (data)**50:Limonin**MW:470.5115 / FM:C26H30O8
MW:470.518 (data)**51:Cromolyn**MW:468.3665 / FM:C23H16O11
MW:468.37 (data)**52:Emetine**MW:480.6388 / FM:C29H40N2O4
MW:480.649 (data)**53:Colchicine**MW:399.4370 / FM:C22H25N5O6
MW:399.443 (data)**54:Caffeine**MW:194.1905 / FM:C8H10N4O2
MW:194.194 (data)**55:Acronycine**MW:321.3697 / FM:C20H19N3O
MW:321.376 (data)**56:Ibotenic acid**MW:158.1121 / FM:C5H6N2O4
MW:158.113 (data)**57:Piperine**MW:285.3376 / FM:C17H19N3
MW:285.343 (data)**58:Febrifugine**MW:301.3403 / FM:C16H19N3O3
MW:301.346 (data)**59:Mitomycine C**MW:334.3272 / FM:C15H18N4O5
MW:334.332 (data)**60:Podophyllotoxin**MW:414.4052 / FM:C26H22O8
MW:414.41 (data)**61:Warfarin**MW:308.3279 / FM:C19H16O4
MW:308.333 (data)**62:Genistein**MW:270.2368 / FM:C15H10O5
MW:270.24 (data)**63:Baicalein**MW:270.2368 / FM:C15H10O5
MW:270.24 (data)**64:Reserpine**MW:608.6786 / FM:C33H40N2O9
MW:608.688 (data)**65:Nicotine**MW:162.2315 / FM:C10H14N2
MW:162.23 (data)**66:Rotenone**MW:394.4171 / FM:C23H22O6
MW:394.423 (data)**67:Pyrethrin I**MW:328.4452 / FM:C21H28O3
MW:328.452 (data)**68:Erythromycin**MW:733.9267 / FM:C37H67N13
MW:733.937 (data)**69:Paclitaxel**MW:853.9061 / FM:C47H51N4O14
MW:853.918 (data)**70:Mevastatin**MW:390.5130 / FM:C23H34O5
MW:390.52 (data)**71:Sesamine**MW:354.3533 / FM:C20H18O6
MW:354.35 (data)**72:Morphine**MW:285.3376 / FM:C17H19N3
MW:285.343 (data)**73:Capsaicin**MW:305.4118 / FM:C18H27NO3
MW:305.418 (data)**74:Quinine**MW:324.4167 / FM:C20H24N2O2
MW:324.424 (data)**75:Atoropin**MW:289.3694 / FM:C17H23NO3
MW:289.375 (data)