

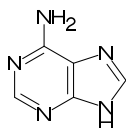
Molecular Coding Format examples

Author : Akira Yamaji Date : July 18, 2021
Located at : <http://www.ctan.org/pkg/mcf2graph>

** use molecular data base file 'mcf_data_base.mcf'

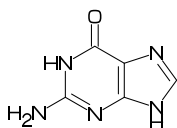
1:Adenine

MW:135.1267 / FM:C5H5N5
MW:135.13 (data)



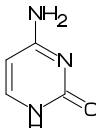
2:Guanine

MW:151.1261 / FM:C5H5N5O
MW:151.13 (data)



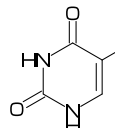
3:Cytosine

MW:111.1019 / FM:C4H5N3O
MW:111.10 (data)



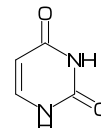
4:Thymine

MW:126.1133 / FM:C5H6N2O2
MW:126.11 (data)



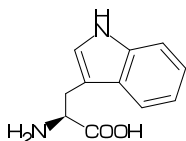
5:Uracil

MW:112.0867 / FM:C4H4N2O2
MW:112.09 (data)



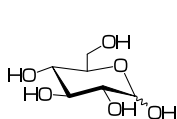
6:L-Tryptophan

MW:204.2251 / FM:C11H12N2O2
MW:204.21 (data)



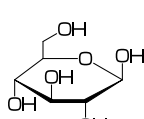
7:Glucose(1)

MW:180.1558 / FM:C6H12O6
MW:180.16 (data)



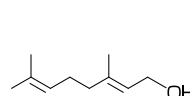
8:Glucose(2)

MW:180.1558 / FM:C6H12O6
MW:180.16 (data)



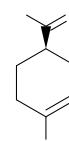
9:Geraniol

MW:154.2493 / FM:C10H18O
MW:154.25 (data)



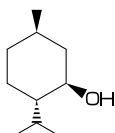
10:Limonene

MW:136.2340 / FM:C10H16
MW:136.24 (data)



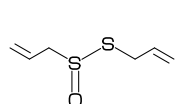
11:l-Menthol

MW:156.2652 / FM:C10H20O
MW:156.27 (data)



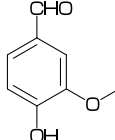
12:Allicin

MW:162.2729 / FM:C6H10OS2
MW:162.28 (data)



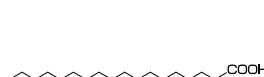
13:Vanillin

MW:152.1473 / FM:C8H8O3
MW:152.15 (data)



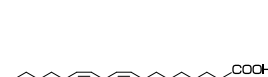
14:Stearic acid

MW:284.4772 / FM:C18H36O2
MW:284.48 (data)



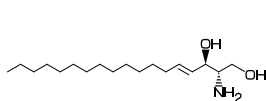
15:Linoleic acid

MW:280.4454 / FM:C18H32O2
MW:280.45 (data)



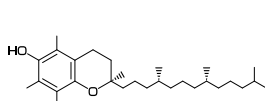
16:Spingosine

MW:299.4918 / FM:C18H37NO2
MW:299.50 (data)



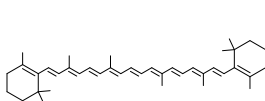
17:Tocopherol

MW:430.7060 / FM:C29H50O2
MW:430.717 (data)



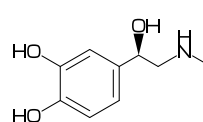
18:Carotene

MW:536.8726 / FM:C40H56
MW:536.8726 (data)



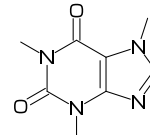
19:Adrenalin

MW:183.2044 / FM:C9H13NO3
MW:183.21 (data)



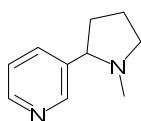
20:Caffeine

MW:194.1905 / FM:C8H10N4O2
MW:194.194 (data)



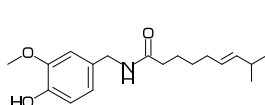
21:Nicotine

MW:162.2315 / FM:C10H14N2
MW:162.23 (data)



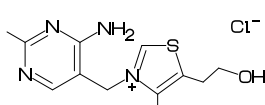
22:Capasaicin

MW:305.4118 / FM:C18H27NO3
MW:305.418 (data)



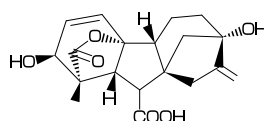
23:Thiamine

MW:300.8075 / FM:C12H17ClN4OS
MW:300.81 (data)



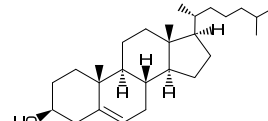
24:Gibberellin A3

MW:346.3743 / FM:C19H22O6
MW:346.379 (data)



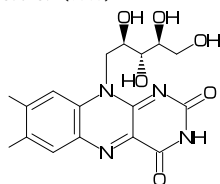
25:Cholesterol

MW:386.6535 / FM:C27H46O
MW:386.664 (data)



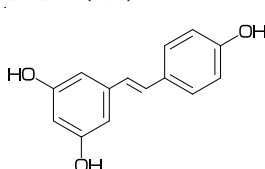
26:Riboflavin

MW:376.3638 / FM:C17H20N4O6
MW:376.37 (data)



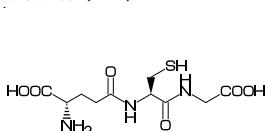
27:Resveratrol

MW:228.2432 / FM:C14H12O3
MW:228.24 (data)



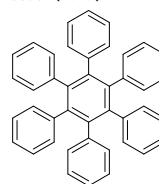
28:Glutathione

MW:307.3234 / FM:C10H17N3O6S
MW:307.33 (data)



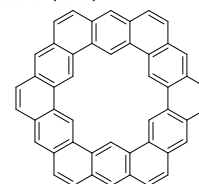
29:Hexaphenylbenzene

MW:534.6875 / FM:C42H30
MW:534.6876 (data)



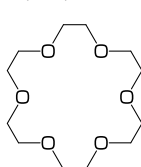
30:Kekulene

MW:600.7041 / FM:C48H24
MW:600.7 (data)



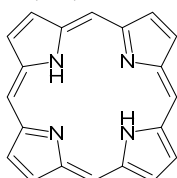
31:18-Crown-6

MW:264.3153 / FM:C12H24O6
MW:264.32 (data)



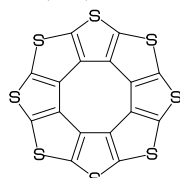
32:Porphyrin

MW:310.3519 / FM:C20H14N4
MW:310.4 (data)



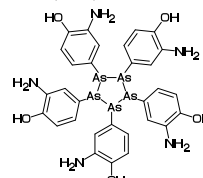
33:Sulfower

MW:448.6911 / FM:C16S8
MW:448.69 (data)



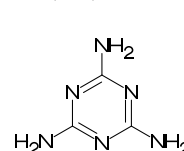
34:Arsphenamine x5

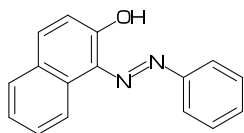
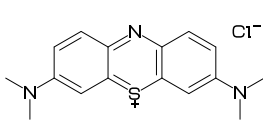
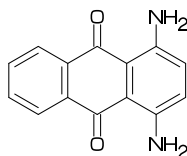
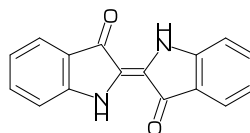
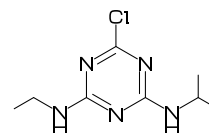
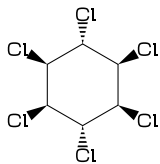
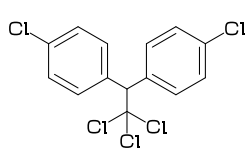
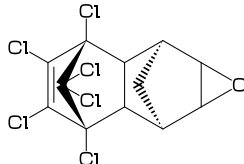
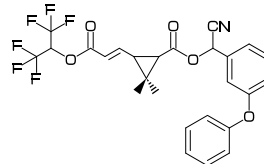
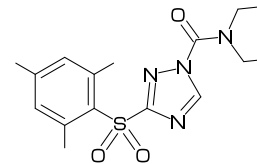
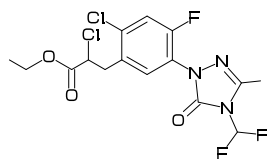
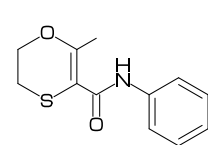
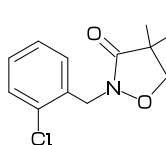
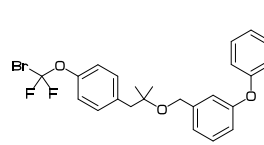
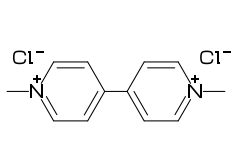
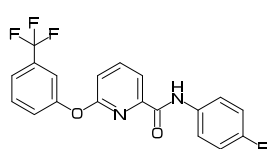
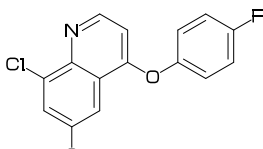
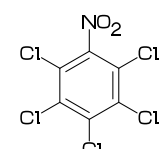
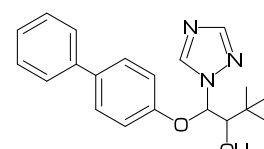
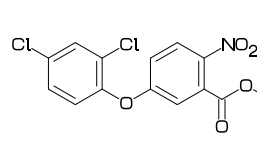
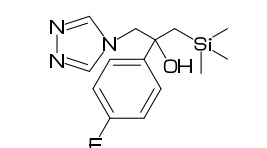
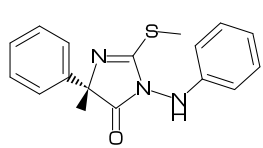
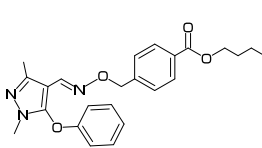
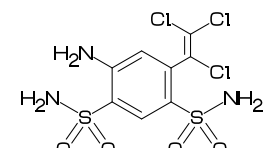
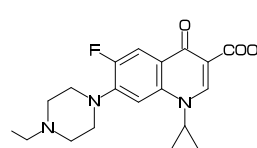
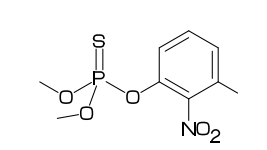
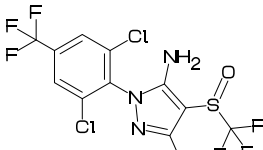
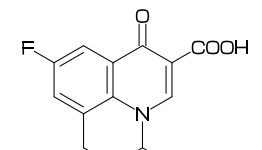
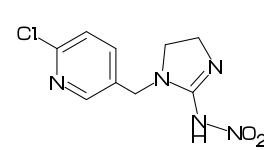
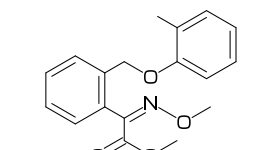
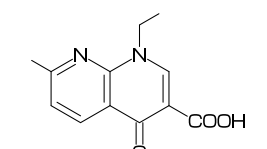
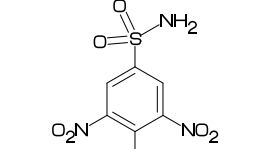
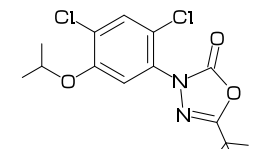
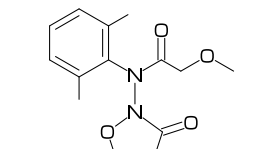
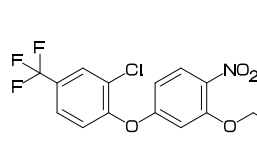
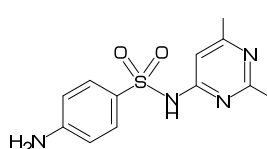
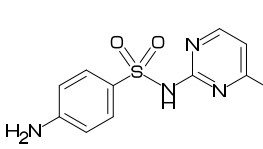
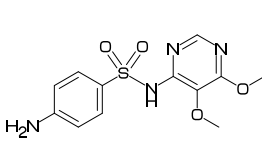
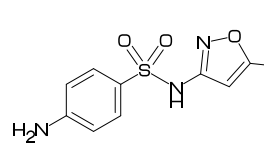
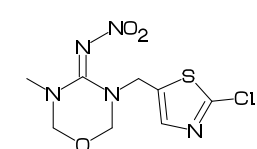
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MW:915.2 (data)

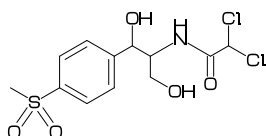
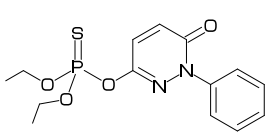
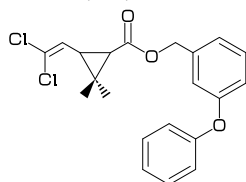
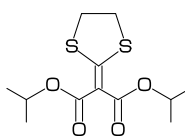
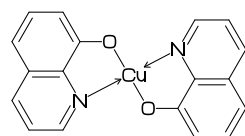
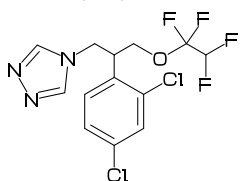
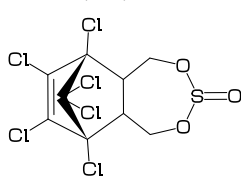
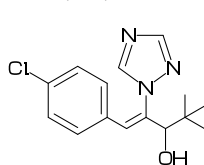
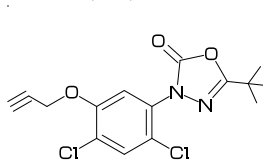
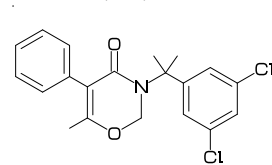
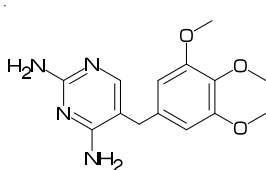
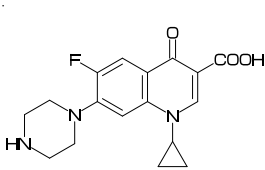
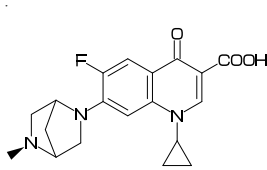
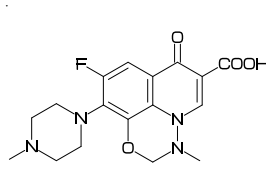
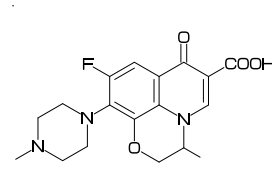
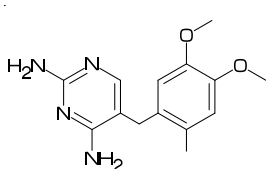
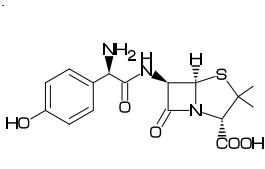
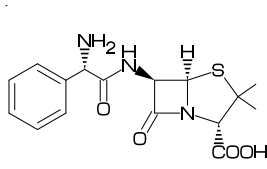
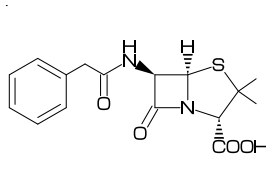
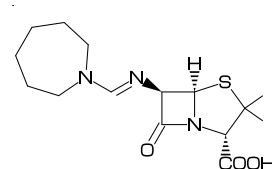
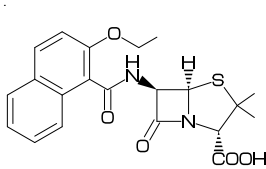
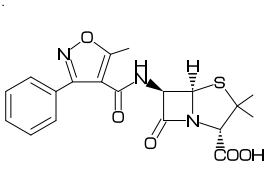
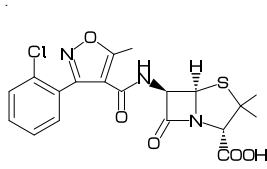
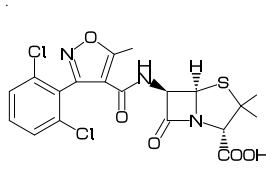
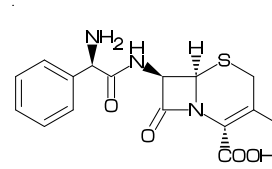
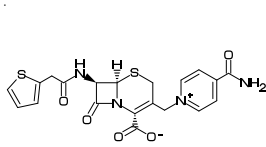
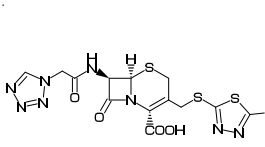
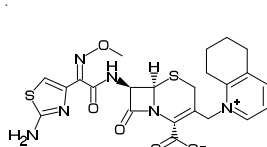
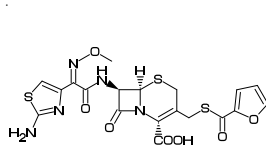
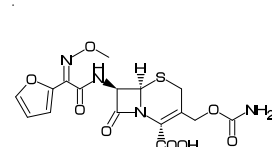
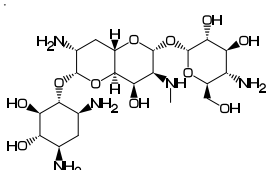
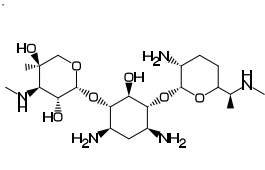
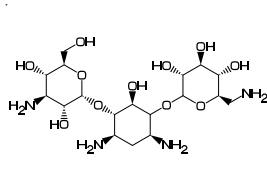
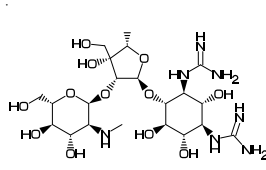
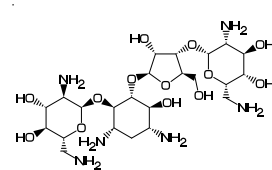
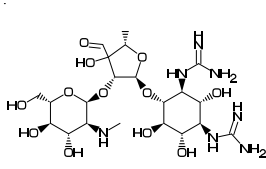
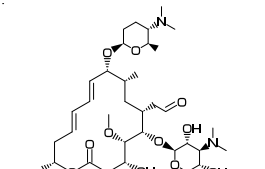
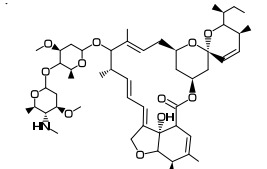
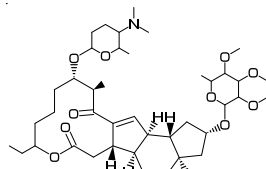
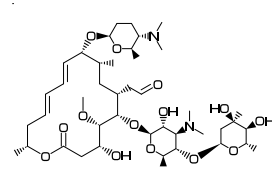


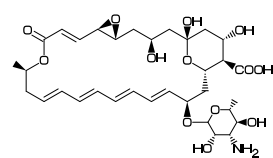
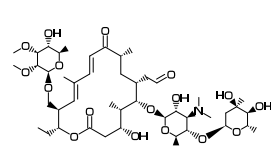
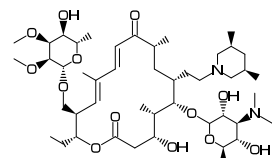
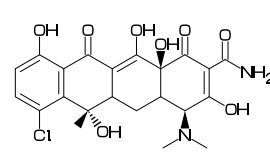
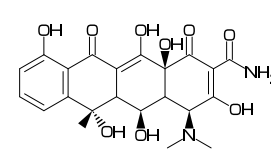
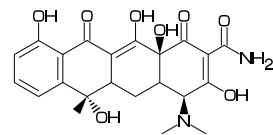
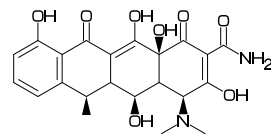
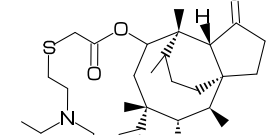
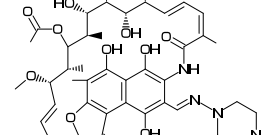
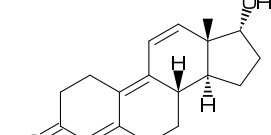
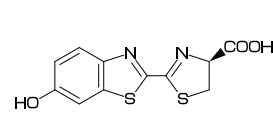
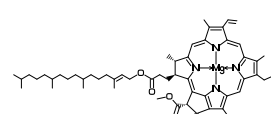
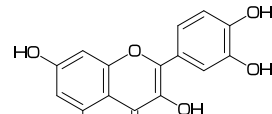
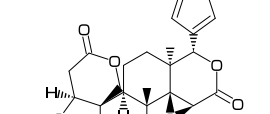
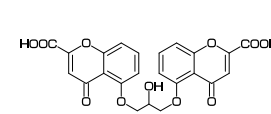
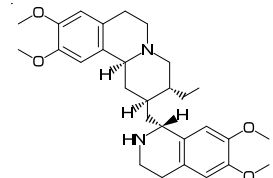
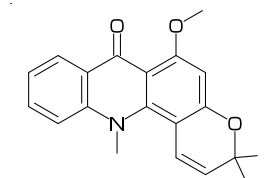
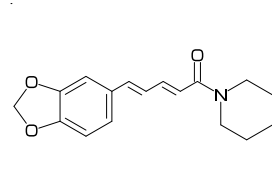
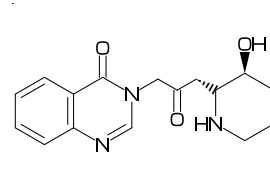
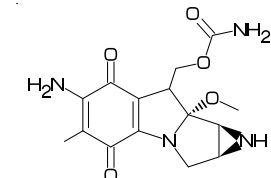
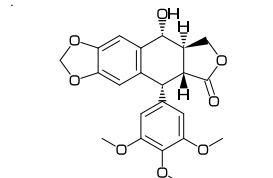
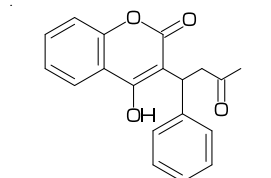
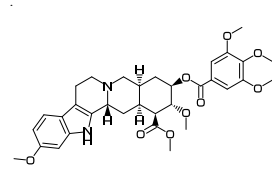
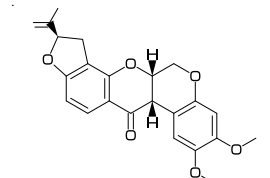
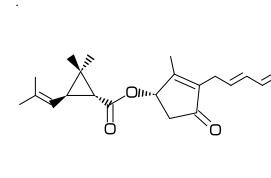
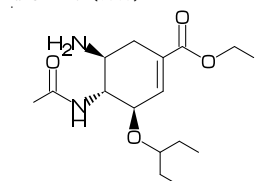
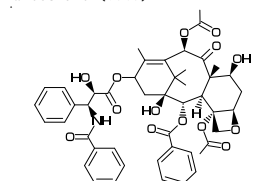
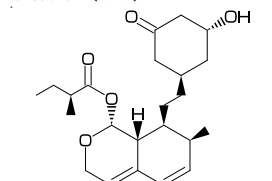
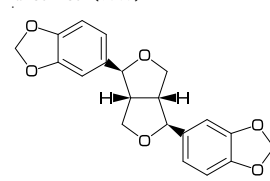
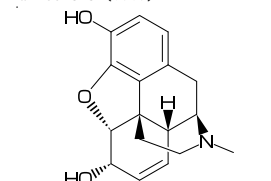
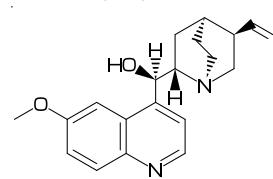
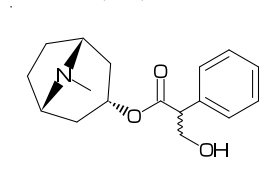
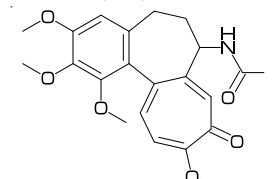
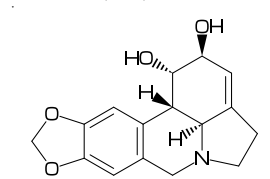
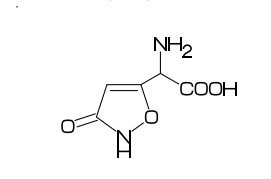
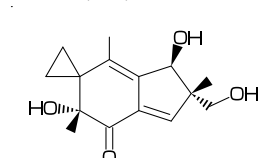
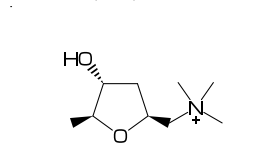
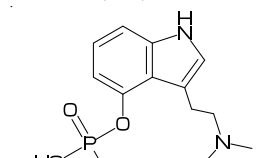
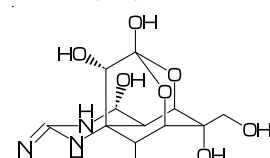
35:Melamine

MW:126.1199 / FM:C3H6N6
MW:126.12 (data)



36:Sudan red 1MW:248.2792 / FM:C16H12N2O
MW:248.28 (data)**37:Basic blue 1**MW:319.8522 / FM:C16H18ClN3S
MW:319.86 (data)**38:Disperse violet 1**MW:238.2413 / FM:C14H10N2O2
MW:238.25 (data)**39:Wat blue 1**MW:262.2627 / FM:C16H10N2O2
MW:262.27 (data)**40:Atrazine**MW:215.6832 / FM:C8H14ClN5
MW:215.7 (data)**41:BHC**MW:290.8298 / FM:C6H6Cl6
MW:290.83 (data)**42:pp-DDT**MW:354.4862 / FM:C14H9Cl5
MW:354.49 (data)**43:Endrin**MW:380.9093 / FM:C12H8Cl6O
MW:380.91 (data)**44:Acrinathrin**MW:541.4390 / FM:C26H21F6N5O5
MW:541.45 (data)**45:Cafenstrole**MW:350.4358 / FM:C16H22N4O3S
MW:350.4 (data)**46:Carfentrazone-ethyl**MW:412.1911 / FM:C15H14Cl2F3N3O3
MW:412.19 (data)**47:Carboxin**MW:235.3021 / FM:C12H13N2O5S
MW:235.301 (data)**48:Clomazone**MW:239.6980 / FM:C12H14ClN2O2
MW:239.7 (data)**49:Halfenprox**MW:477.3384 / FM:C24H23BrF2O3
MW:477.4 (data)**50:Paraquat**MW:257.1589 / FM:C12H14Cl2N2
MW:257.16 (data)**51:Picolinafen**MW:376.3043 / FM:C19H12F4N2O2
MW:376.331 (data)**52:Quinoxifen**MW:308.1345 / FM:C15H8Cl2FNO
MW:308.13 (data)**53:Quitozene**MW:295.3347 / FM:C6Cl5NO2
MW:295.3 (data)**54:Bitertanol**MW:337.4155 / FM:C20H23N3O2
MW:337.4 (data)**55:Bifenox**MW:342.1309 / FM:C14H9Cl2NO5
MW:342.14 (data)**56:Simeconazole**MW:293.4120 / FM:C14H20FN3O5Si
MW:293.417 (data)**57:Fenamidone**MW:311.4013 / FM:C17H17N3O5S
MW:311.403 (data)**58:Fenpyroximate**MW:421.4888 / FM:C24H27N3O4
MW:421.49 (data)**59:Chlorsulron**MW:380.6558 / FM:C8H8Cl3N3O4S2
MW:380.648 (data)**60:Enrofloxacin**MW:359.3946 / FM:C19H22FN3O3
MW:359.401 (data)**61:Fenitrothion**MW:277.2340 / FM:C9H12N2O5PS
MW:277.23 (data)**62:Fipronil**MW:437.1477 / FM:C12H4Cl2F6N4O5S
MW:437.2 (data)**63:Flumequine**MW:261.2483 / FM:C14H12FN3O3
MW:261.225 (data)**64:Imidacloprid**MW:255.661 / FM:C9H10ClN5O2
MW:255.662 (data)**65:Kresoxim-Methyl**MW:313.3477 / FM:C18H19N4O4
MW:313.348 (data)**66:Nalidixic acid**MW:232.2352 / FM:C12H12N2O3
MW:232.239 (data)**67:Oryzalin**MW:346.3595 / FM:C12H18N4O6S
MW:346.4 (data)**68:Oxadiazon**MW:345.2210 / FM:C15H18Cl2N2O3
MW:345.2 (data)**69:Oxadixyl**MW:278.3037 / FM:C14H18N2O4
MW:278.3 (data)**70:Oxyfluorfen**MW:361.7003 / FM:C15H11ClF3N4O4
MW:361.701 (data)**71:Sulfadimidine**MW:278.3301 / FM:C12H14N4O2S
MW:278.33 (data)**72:Sulfamerazine**MW:264.3035 / FM:C11H12N4O2S
MW:264.303 (data)**73:Sulfadoxine**MW:310.3289 / FM:C12H14N4O4S
MW:310.328 (data)**74:Sulfamethoxazole**MW:253.2776 / FM:C10H11N3O3S
MW:253.276 (data)**75:Thiamethoxam**MW:291.7146 / FM:C8H10ClN5O3S
MW:291.71 (data)

76:ThiamphenicolMW:356.2221 / FM:C12H15C12N05S
MW:355 (data)**77:Pyridaphenthion**MW:340.3345 / FM:C14H17N2O4PS
MW:340.334 (data)**78:Permethrin**MW:391.2876 / FM:C21H20C12O3
MW:391.288 (data)**79:Isoprothiolane**MW:290.3989 / FM:C12H18O4S2
MW:290.392 (data)**80:Oxine-Copper**MW:351.8460 / FM:C18H12CuN2O2
MW:351.852 (data)**81:Tetraconazole**MW:372.1455 / FM:C13H11C12F4N3O
MW:372.145 (data)**82:Endosulfan**MW:406.9251 / FM:C9H6C16O3S
MW:406.904 (data)**83:Uniconazole-P**MW:291.7759 / FM:C15H18C1N3O
MW:291.779 (data)**84:Oxadiargyl**MW:341.1892 / FM:C15H14C12N2O3
MW:341.19 (data)**85:Oxaziclomefone**MW:376.2763 / FM:C20H19C12N02
MW:376.277 (data)**86:Trimetoprim**MW:290.3177 / FM:C14H18N4O3
MW:290.323 (data)**87:Ciprofloxacin**MW:331.3415 / FM:C17H18FN3O3
MW:331.347 (data)**88:Danofloxacin**MW:357.3788 / FM:C19H20FN3O3
MW:357.385 (data)**89:Marbofloxacin**MW:362.3555 / FM:C17H19FN4O4
MW:362.361 (data)**90:Ofloxacin**MW:361.3675 / FM:C18H20FN3O4
MW:361.373 (data)**91:Ormetoprim**MW:274.3183 / FM:C14H18N4O2
MW:274.324 (data)**92:Amoxicillin**MW:365.4041 / FM:C16H19N3O5S
MW:365.4042 (data)**93:Ampicillin**MW:349.4047 / FM:C16H19N3O4S
MW:349.405 (data)**94:Benzyl-Penicillin**MW:334.3901 / FM:C16H18N2O4S
MW:334.4 (data)**95:Mecillinam**MW:325.4264 / FM:C15H23N3O3S
MW:325.4264 (data)**96:Nafcillin**MW:414.4747 / FM:C21H22N2O5S
MW:414.4748 (data)**97:Oxacillin**MW:401.4362 / FM:C19H19N3O5S
MW:401.4363 (data)**98:Cloxacillin**MW:435.8813 / FM:C19H18C1N3O5S
MW:435.8813 (data)**99:Dicloxacillin**MW:470.3263 / FM:C19H17C12N3O5S
MW:470.3264 (data)**100:Cefalexin**MW:347.3888 / FM:C16H17N3O4S
MW:347.3889 (data)**101:Cefalonium**MW:458.5107 / FM:C20H18N4O5S2
MW:458.5107 (data)**102:Cefazolin**MW:454.5071 / FM:C14H14N4O4S3
MW:454.51 (data)**103:Cefquinome**MW:528.6038 / FM:C23H24N6O5S2
MW:528.6 (data)**104:Ceftiofur**MW:523.5625 / FM:C19H17N5O7S3
MW:523.5626 (data)**105:Cefuroxime**MW:424.3852 / FM:C16H16N4O8S
MW:424.3852 (data)**106:Apramycin**MW:539.5771 / FM:C21H41N5O11
MW:539.58 (data)**107:Gentamycin**MW:477.5954 / FM:C21H43N5O7
MW:477.596 (data)**108:Kanamycin**MW:484.4986 / FM:C18H36N4O11
MW:484.499 (data)**109:DihydroStreptomycin**MW:583.5899 / FM:C21H41N7O12
MW:583.574 (data)**110:Fradiomycin**MW:614.6437 / FM:C23H46N6O13
MW:614.644 (data)**111:Streptomycin**MW:581.5740 / FM:C21H39N7O12
MW:581.574 (data)**112:Neospiramycin**MW:698.8842 / FM:C36H62N2011
MW:698.9 (data)**113:Emamectine**MW:886.1187 / FM:C49H75N013
MW:886.133 (data)**114:Spinosad**MW:731.9555 / FM:C41H65N010
MW:731.968 (data)**115:Spiramycin**MW:843.0526 / FM:C43H74N2014
MW:843.1 (data)

116:NatamycinMW:665.7251 / FM:C33H47N013
MW:665.733 (data)**117:Tylocin**MW:916.1000 / FM:C46H77N017
MW:916.10 (data)**118:Tilmicosin**MW:869.1330 / FM:C46H80N2013
MW:869.133 (data)**119:Chlortetracyclin**MW:478.8796 / FM:C22H23ClN208
MW:478.88 (data)**120:Oxytetracyclin**MW:460.4339 / FM:C22H24N209
MW:460.434 (data)**121:Tetracyclin**MW:444.4345 / FM:C22H24N208
MW:444.435 (data)**122:Doxycycline**MW:444.4345 / FM:C22H24N208
MW:444.43 (data)**123:Tiamulin**MW:493.7420 / FM:C28H47N04S
MW:493.74 (data)**124:Rifampicin**MW:822.9402 / FM:C43H58N4012
MW:822.94 (data)**125:Trenbolone**MW:270.3660 / FM:C18H2202
MW:270.37 (data)**126:Luciferin**MW:280.3228 / FM:C11H8N203S2
MW:280.33 (data)**127:Chlorophyll a**MW:893.4889 / FM:C55H72MgN405
MW:893.509 (data)**128:Quercetin**MW:302.2357 / FM:C15H1007
MW:302.24 (data)**129:Limonin**MW:470.5115 / FM:C26H3008
MW:470.518 (data)**130:Cromolyn**MW:468.3665 / FM:C23H16011
MW:468.37 (data)**131:Emetine**MW:480.6388 / FM:C29H40N204
MW:480.649 (data)**132:Acronycine**MW:321.3697 / FM:C20H19N03
MW:321.376 (data)**133:Piperine**MW:285.3376 / FM:C17H19N03
MW:285.343 (data)**134:Febrifugine**MW:301.3403 / FM:C16H19N303
MW:301.346 (data)**135:Mitomycine C**MW:334.3272 / FM:C15H18N405
MW:334.332 (data)**136:Podophyllotoxin**MW:414.4052 / FM:C22H2208
MW:414.41 (data)**137:Warfarin**MW:308.3279 / FM:C19H1604
MW:308.333 (data)**138:Reserpine**MW:608.6786 / FM:C33H40N209
MW:608.688 (data)**139:Rotenone**MW:394.4171 / FM:C23H2206
MW:394.423 (data)**140:Pyrethrin I**MW:328.4452 / FM:C21H2803
MW:328.452 (data)**141:Oseltamivir**MW:312.4045 / FM:C16H28N204
MW:312.40 (data)**142:Paclitaxel**MW:853.9061 / FM:C47H51N014
MW:853.918 (data)**143:Mevastatin**MW:390.5130 / FM:C23H3405
MW:390.52 (data)**144:Sesamine**MW:354.3533 / FM:C20H1806
MW:354.35 (data)**145:Morphine**MW:285.3376 / FM:C17H19N03
MW:285.343 (data)**146:Quinine**MW:324.4167 / FM:C20H24N202
MW:324.424 (data)**147:Atoropin**MW:289.3694 / FM:C17H23N03
MW:289.375 (data)**148:Colchicine**MW:399.4370 / FM:C22H25N06
MW:399.443 (data)**149:Lycorine**MW:287.3104 / FM:C16H17N04
MW:287.315 (data)**150:Ibotenic acid**MW:158.1121 / FM:C5H6N204
MW:158.113 (data)**151:illudin S**MW:264.3168 / FM:C15H2004
MW:264.3 (data)**152:Muscarine**MW:174.2605 / FM:C9H20N02
MW:174.26 (data)**153:Psilocybin**MW:284.2481 / FM:C12H17N204P
MW:284.248 (data)**154:Tetrodotoxine**MW:319.2679 / FM:C11H17N308
MW:319.27 (data)**155:Aflatoxin B1**MW:312.2735 / FM:C17H1206
MW:312.27 (data)