

# Molecular Coding Format examples

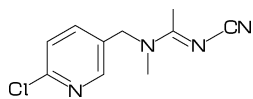
Author : Akira Yamaji Date : March 21, 2019  
Located at : <http://www.ctan.org/pkg/mcf2graph>

\*\* FM:Molecular formula calculated by mcf2graph

\*\* MW:Molecular weight calculated by mcf2graph

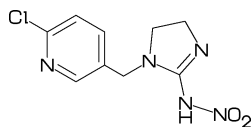
## [1] Acetamiprid

MW:222.6741 / FM:C10H11ClN4  
MW:222.676(data)



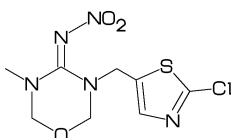
## [2] Imidacloprid

MW:265.661 / FM:C9H10ClN5O2  
MW:265.662 (data)



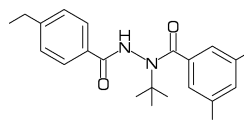
## [3] Thiamethoxam

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



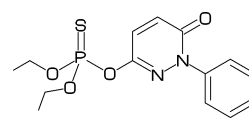
## [4] Tebufenozide

MW:352.4699 / FM:C22H28N2O2  
MW:352.478 (data)



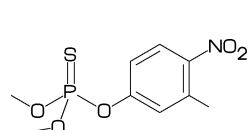
## [5] Pyridaphenthion

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



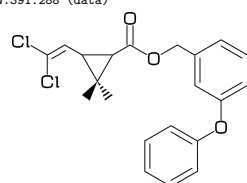
## [6] Fenitrothion

MW:277.2340 / FM:C9H12NO5PS  
MW:277.231 (data)



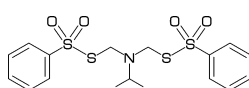
## [7] Permethrin

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



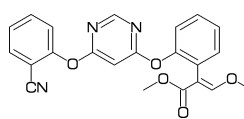
## [8] Bensultap

MW:431.6129 / FM:C17H21N04S4  
MW:431.598 (data)



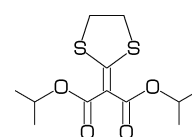
## [9] Azoxytorbini

MW:403.3874 / FM:C22H17N3O5  
MW:403.394 (data)



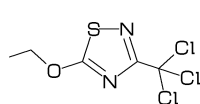
## [10] Isoprothiolane

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



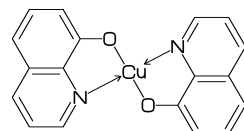
## [11] Etridiazole

MW:247.53 / FM:C5H5Cl3N2OS  
MW:247.518 (data)



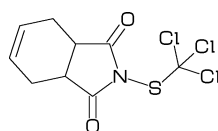
## [12] Oxine-Copper

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



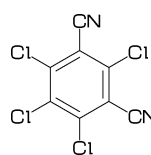
## [13] Captan

MW:300.5893 / FM:C9H8Cl3NO2S  
MW:300.578 (data)



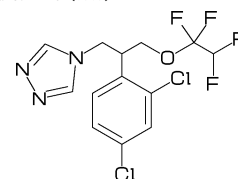
## [14] Chlorothalonil

MW:265.911 / FM:C8Cl4N2  
MW:265.902 (data)



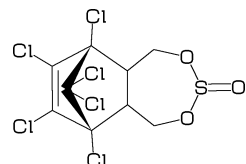
## [15] Tetraconazole

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



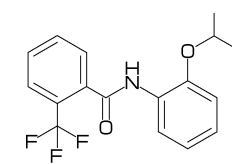
## [16] Endosulfan

MW:406.9251 / FM:C9H6Cl3O3S  
MW:406.904 (data)



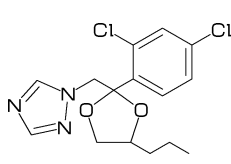
## [17] Flutolanil

MW:323.3096 / FM:C17H16F3NO2  
MW:323.315 (data)



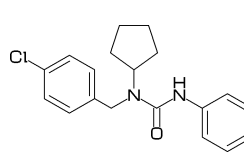
## [18] Propiconazole

MW:342.2203 / FM:C15H17Cl2N3O2  
MW:342.22 (data)



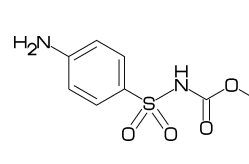
## [19] Pencycuron

MW:328.8358 / FM:C19H21ClN2O  
MW:328.84 (data)



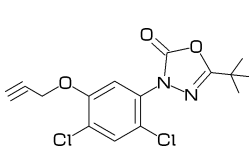
## [20] Asulam

MW:230.2409 / FM:C8H10N2O4S  
MW:230.238 (data)



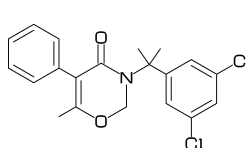
## [21] Oxadiargyl

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



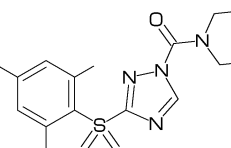
## [22] Oxaziclomefone

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



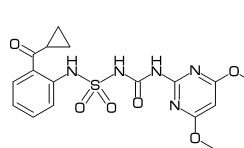
## [23] Cafenstrole

MW:350.4358 / FM:C16H22ClN3O3S  
MW:350.437 (data)



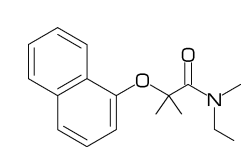
## [24] Cyclosulfamuron

MW:421.4276 / FM:C17H19N5O6S  
MW:421.428 (data)



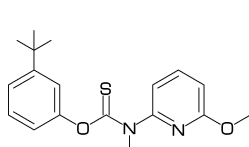
## [25] Napropamide

MW:271.3541 / FM:C17H21N2O2  
MW:271.36 (data)



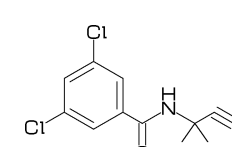
## [26] Pyributicarb

MW:330.4444 / FM:C18H22N2O2S  
MW:330.446 (data)



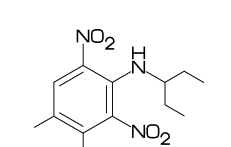
## [27] Propyzamide

MW:256.1278 / FM:C12H11Cl2NO  
MW:256.126 (data)



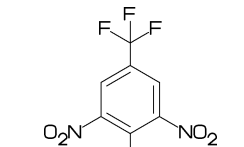
## [28] Pendimethalin

MW:281.3076 / FM:C13H19N3O4  
MW:281.312 (data)



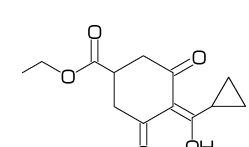
## [29] Benfluralin

MW:335.2790 / FM:C13H16F3N3O4  
MW:335.283 (data)



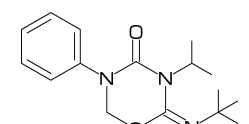
## [30] Trinexapac-ethyl

MW:252.2631 / FM:C13H16O5  
MW:252.266 (data)



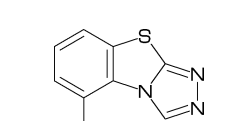
## [31] Buprofezin

MW:305.4383 / FM:C16H23N3OS  
MW:305.44 (data)



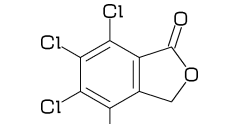
## [32] Tricyclazole

MW:189.2369 / FM:C9H7N3S  
MW:189.236 (data)



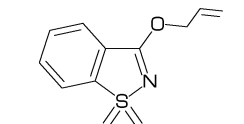
## [33] Phthalide

MW:271.9122 / FM:C8H2Cl4O2  
MW:271.91 (data)



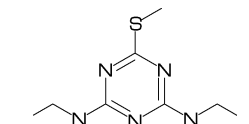
## [34] Probenazole

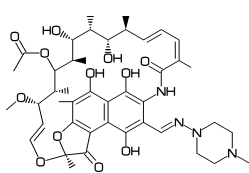
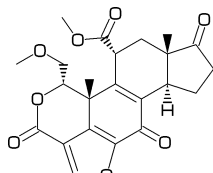
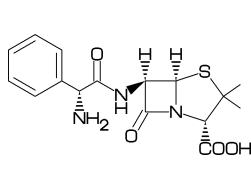
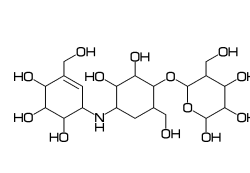
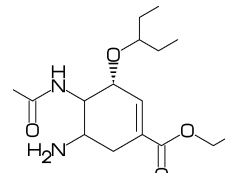
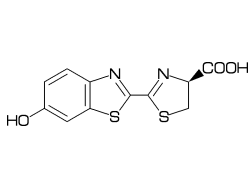
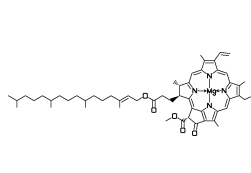
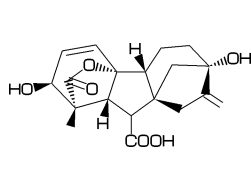
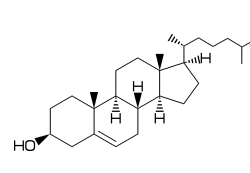
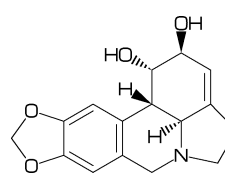
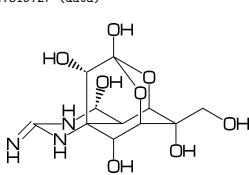
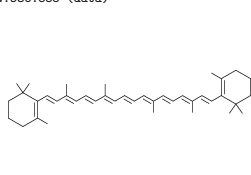
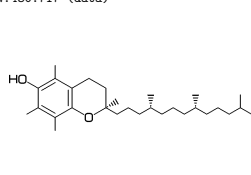
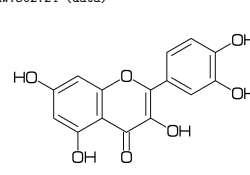
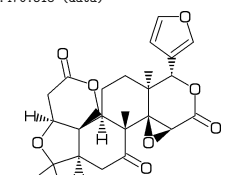
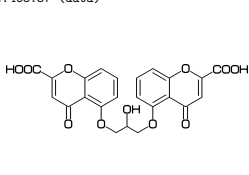
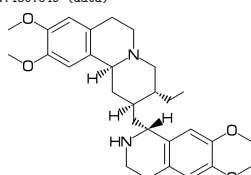
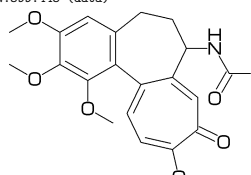
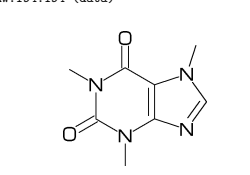
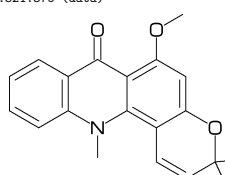
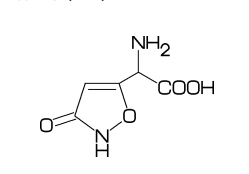
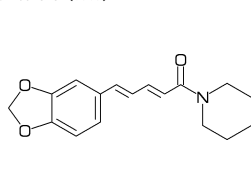
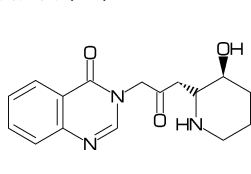
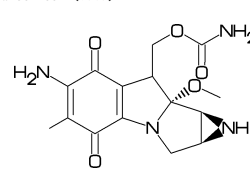
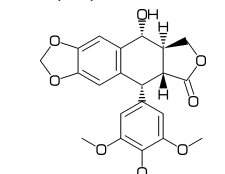
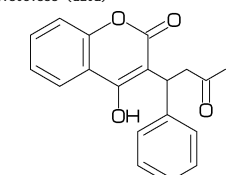
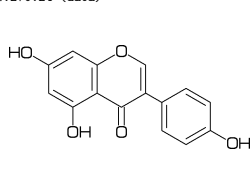
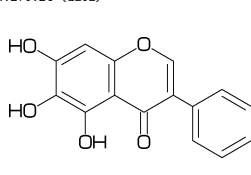
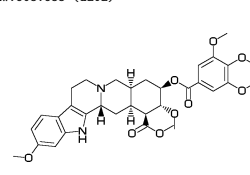
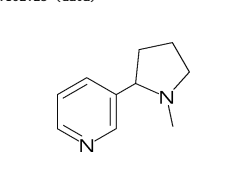
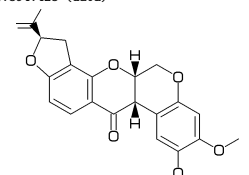
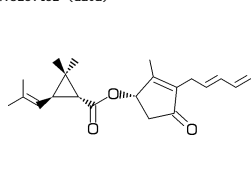
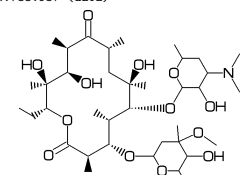
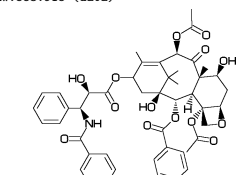
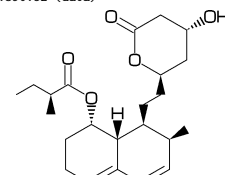
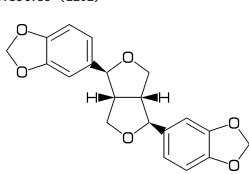
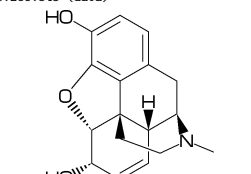
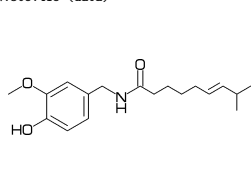
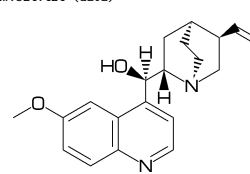
MW:223.2483 / FM:C10H9N3O3S  
MW:223.246 (data)



## [35] Simetryn

MW:213.3032 / FM:C8H15N5S  
MW:213.303 (data)



**[36] Rifampicin**MW: 822.9402 / FM: C43H58N4O12  
MW: 822.94 (data)**[37] Wortmannin**MW: 428.4318 / FM: C23H24O8  
MW: 428.43 (data)**[38] Ampicillin**MW: 349.4047 / FM: C16H19N3O4S  
MW: 349.405 (data)**[39] Validamycin**MW: 497.4908 / FM: C20H35N13  
MW: 497.494 (data)**[40] Oceltamivir**MW: 312.4045 / FM: C16H28N2O4  
MW: 312.41 (data)**[41] Luciferin**MW: 280.3228 / FM: C11H8N2O3S2  
MW: 280.33 (data)**[42] Chlorophyll a**MW: 893.4889 / FM: C55H72MgN4O5  
MW: 893.509 (data)**[43] Gibberellin A3**MW: 346.3743 / FM: C19H22O6  
MW: 346.379 (data)**[44] Cholesterol**MW: 386.6535 / FM: C27H46O  
MW: 386.664 (data)**[45] Lycorine**MW: 287.3104 / FM: C16H17NO4  
MW: 287.315 (data)**[46] Tetrodotoxine**MW: 319.2679 / FM: C11H17N3O8  
MW: 319.27 (data)**[47] beta-Carotene**MW: 536.8726 / FM: C40H56  
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: C17H19NO3  
MW: 285.343 (data)**[58] Febrifugine**MW: 301.3403 / FM: C16H19N3O3  
MW: 301.346 (data)**[59] Mitomycin C**MW: 334.3272 / FM: C15H18N4O5  
MW: 334.332 (data)**[60] Podophyllotoxin**MW: 414.4052 / FM: C26H22O6  
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: C23H28O6  
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: C47H51NO14  
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: C17H19NO3  
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)