

# Molecular Coding Format examples

Author : Akira Yamaji Date : December 15, 2019

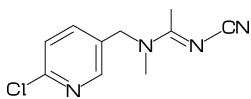
Located at : <http://www.ctan.org/pkg/mcf2graph>

\*\* FM:Molecular formula calculated by mcf2graph

\*\* MW:Molecular weight calculated by mcf2graph

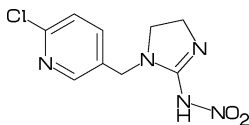
**[1] Acetamiprid**

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



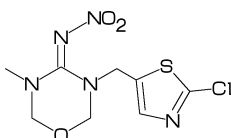
**[2] Imidacloprid**

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



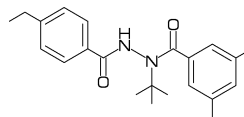
**[3] Thiamethoxam**

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



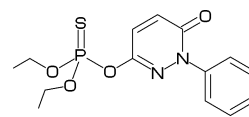
**[4] Tebufenozide**

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



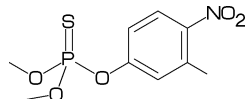
**[5] Pyridaphenthion**

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



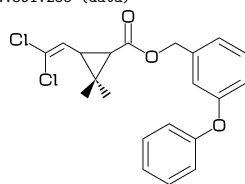
**[6] Fenitrothion**

MW:277.2340 / FM:C9H12N2O5PS  
MW:277.231 (data)



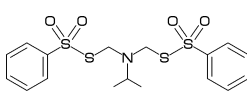
**[7] Permethrin**

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



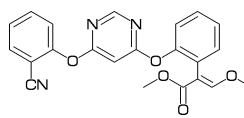
**[8] Bensultap**

MW:431.6129 / FM:C17H21N4S4  
MW:431.598 (data)



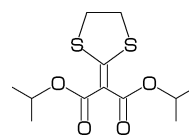
**[9] Azoxystorbin**

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



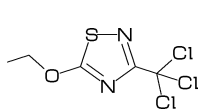
**[10] Isoprothiolane**

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



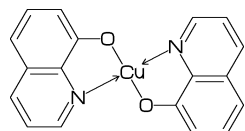
**[11] Etridiazole**

MW:247.53 / FM:C5H5Cl3N2O5  
MW:247.518 (data)



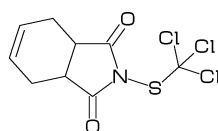
**[12] Oxine-Copper**

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



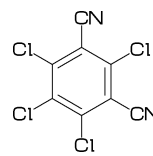
**[13] Captan**

MW:300.5893 / FM:C9H8Cl3N2O2S  
MW:300.578 (data)



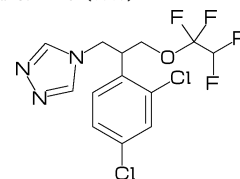
**[14] Chlorothalonil**

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



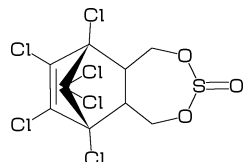
**[15] Tetraconazole**

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



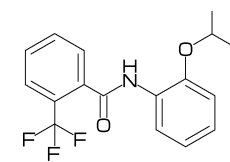
**[16] Endosulfan**

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



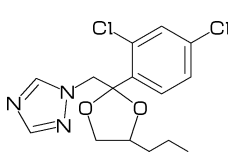
**[17] Flutolanil**

MW:323.3096 / FM:C17H16F3N2O2  
MW:323.315 (data)



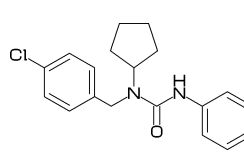
**[18] Propiconazole**

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



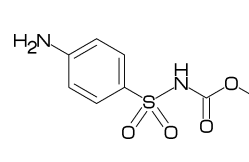
**[19] Pencycuron**

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



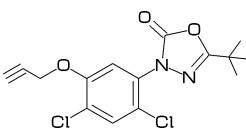
**[20] Asulam**

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



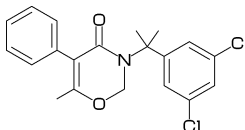
**[21] Oxadiargyl**

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



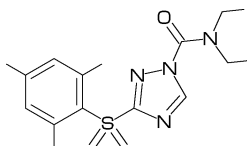
**[22] Oxaziclomefone**

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



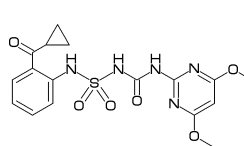
**[23] Cafenstrole**

MW:350.4358 / FM:C16H22N4O3S  
MW:350.437 (data)



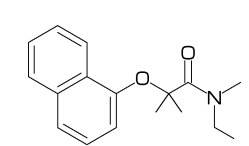
**[24] Cyclosulfamuron**

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



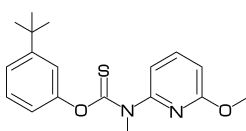
**[25] Napropamide**

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



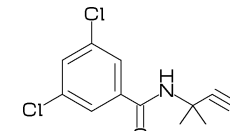
**[26] Pyributicarb**

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



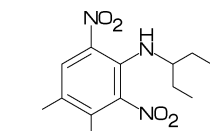
**[27] Propyzamide**

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



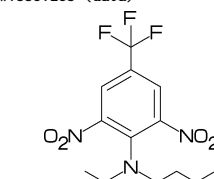
**[28] Pendimethalin**

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



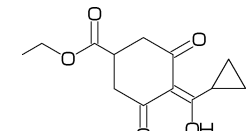
**[29] Benfluralin**

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



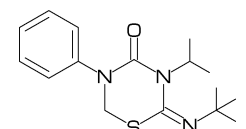
**[30] Trinexapac-ethyl**

MW:252.2631 / FM:C13H15O5  
MW:252.266 (data)



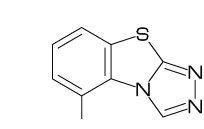
**[31] Buprofezin**

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



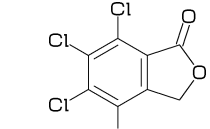
**[32] Tricyclazole**

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



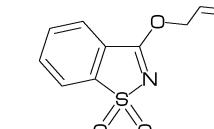
**[33] Phthalide**

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



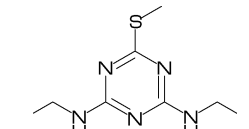
**[34] Probenazole**

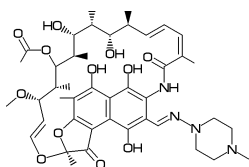
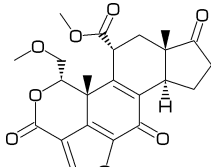
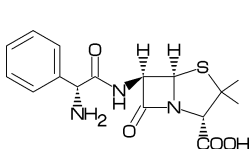
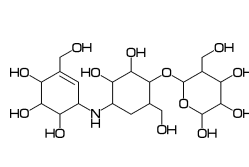
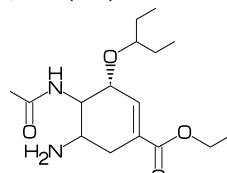
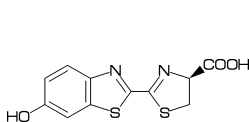
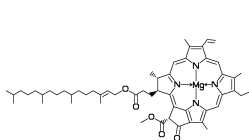
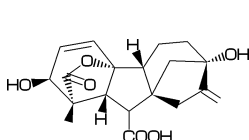
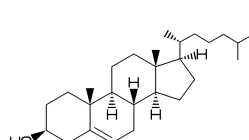
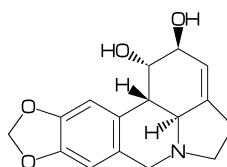
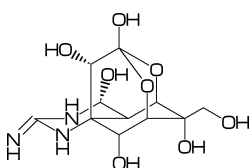
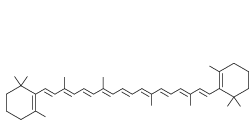
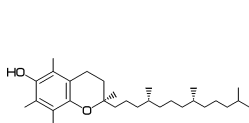
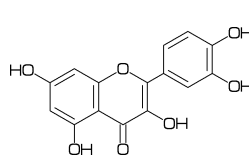
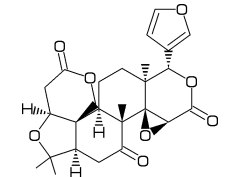
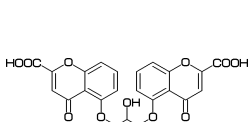
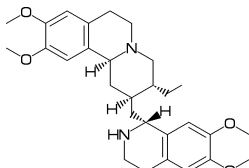
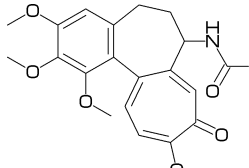
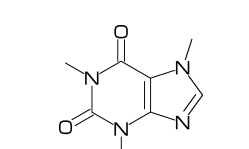
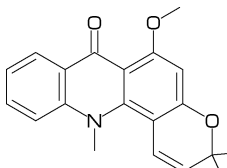
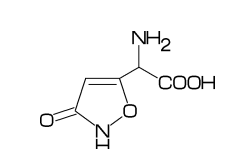
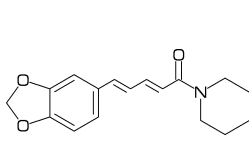
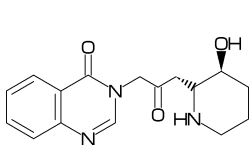
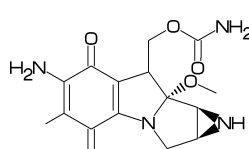
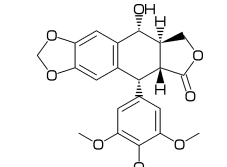
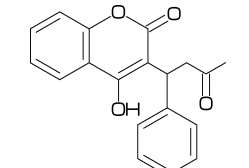
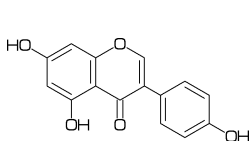
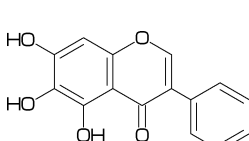
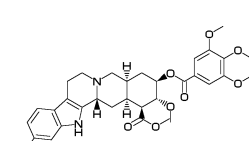
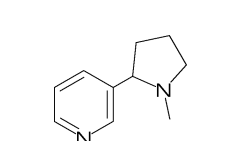
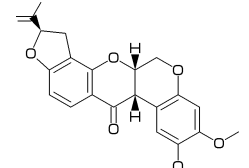
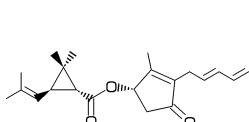
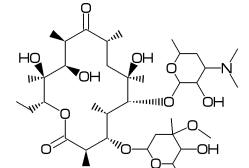
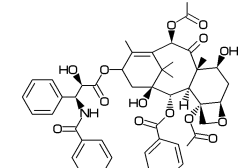
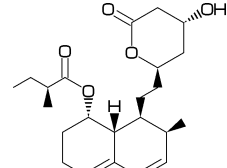
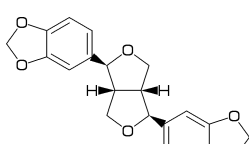
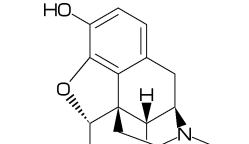
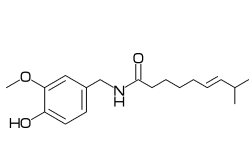
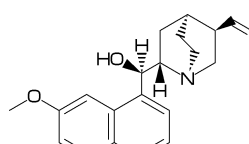
MW:223.2483 / FM:C10H9N3O3S  
MW:223.246 (data)



**[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:C20H35N013  
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:C16H17N04  
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] alfa-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:C22H25N06  
MW:399.443 (data)**[54] Caffeine**MW:194.1905 / FM:C8H10N4O2  
MW:194.194 (data)**[55] Acronycine**MW:321.3697 / FM:C26H19N03  
MW:321.376 (data)**[56] Ibotenic acid**MW:158.1121 / FM:C5H6N2O4  
MW:158.113 (data)**[57] Piperine**MW:285.3376 / FM:C17H19N03  
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:C23H22O8  
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:C37H67N013  
MW:733.937 (data)**[69] Paclitaxel**MW:853.9061 / FM:C47H51N014  
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:C17H19N03  
MW:285.343 (data)**[73] Capsaicin**MW:305.4118 / FM:C18H27N03  
MW:305.418 (data)**[74] Quinine**MW:324.4167 / FM:C20H24N2O2  
MW:324.424 (data)**[75] Atoropin**MW:289.3694 / FM:C17H23N03  
MW:289.375 (data)