

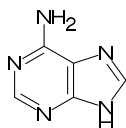
Molecular Coding Format examples

Author : Akira Yamaji Date : August 1, 2021
Located at : <http://www.ctan.org/pkg/mcf2graph>

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

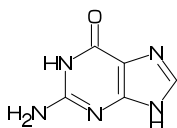
1:Adenine

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



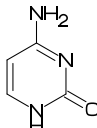
2:Guanine

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



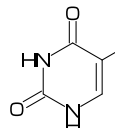
3:Cytosine

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



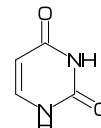
4:Thymine

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



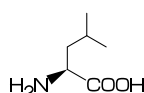
5:Uracil

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



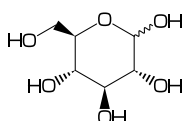
6:L-Leucine

MW:131.1729 / FM:C6H13NO2
MW:131.16 (data)



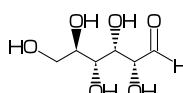
7:Glucose 1

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



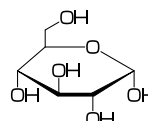
8:Glucose 2

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



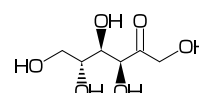
9:D-Glucose

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



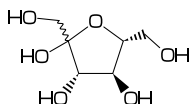
10:Fructose 1

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



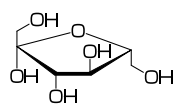
11:Fructose 2

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



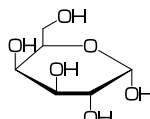
12:D-Fluctose

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



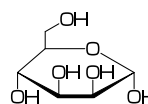
13:D-Galactose

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



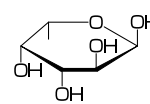
14:D-Mannose

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



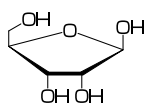
15:L-Fucose

MW:164.1564 / FM:C6H12O5
MW:164.16 (data)



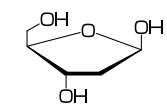
16:D-Ribose

MW:150.1299 / FM:C5H10O5
MW:150.13 (data)



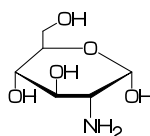
17:D-Deoxyribose

MW:134.1305 / FM:C5H10O4
MW:134.13 (data)



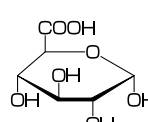
18:D-Glucosamine

MW:179.1711 / FM:C6H13NO5
MW:179.17 (data)



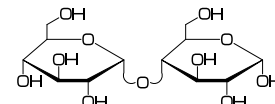
19:Glucuronic acid

MW:194.1393 / FM:C6H10O7
MW:194.14 (data)



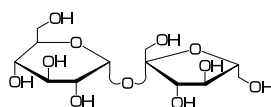
20:Maltose

MW:342.2964 / FM:C12H22O11
MW:342.3 (data)



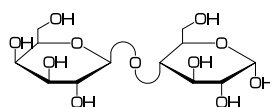
21:Sucrose

MW:342.2964 / FM:C12H22O11
MW:342.3 (data)



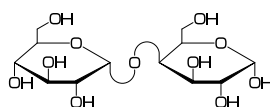
22:Lactose

MW:342.2964 / FM:C12H22O11
MW:342.3 (data)



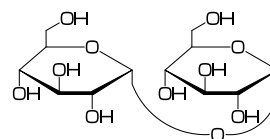
23:Cellulose

MW:342.2964 / FM:C12H22O11
MW:342.3 (data)



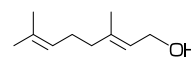
24:Trehalose

MW:342.2964 / FM:C12H22O11
MW:342.3 (data)



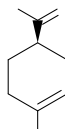
25:Geraniol

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



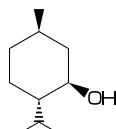
26:Limonene

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



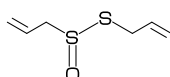
27:l-Menthol

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



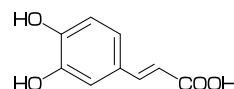
28:Allicin

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



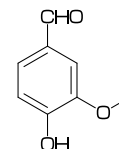
29:Caffeic acid

MW:180.1574 / FM:C9H8O4
MW:180.16 (data)



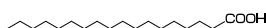
30:Vanillin

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



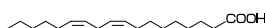
31:Stearic acid

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



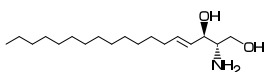
32:Linoleic acid

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



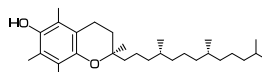
33:Sphingosine

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



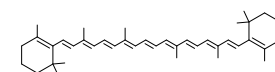
34:Tocopherol

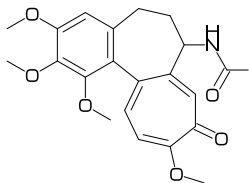
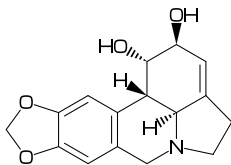
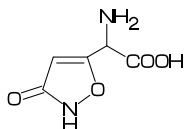
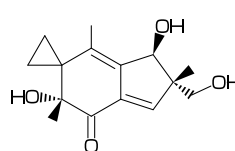
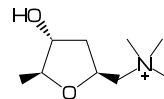
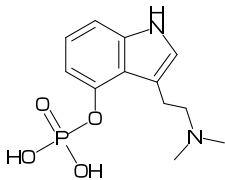
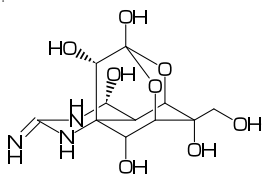
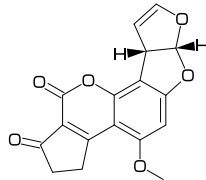
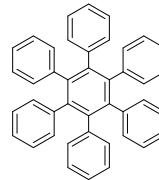
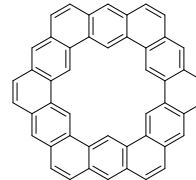
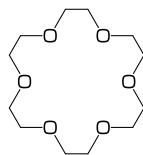
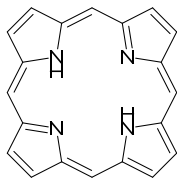
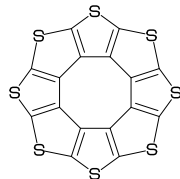
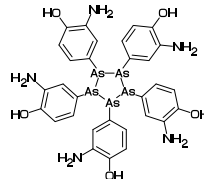
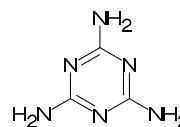
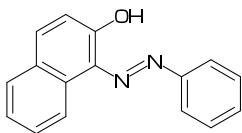
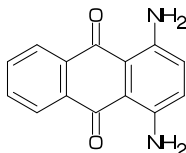
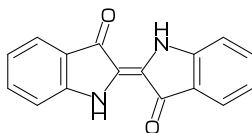
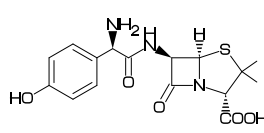
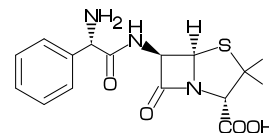
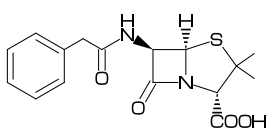
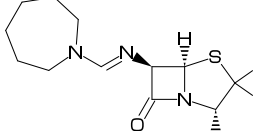
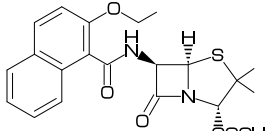
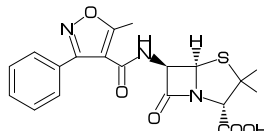
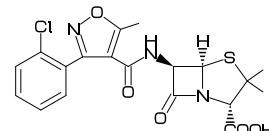
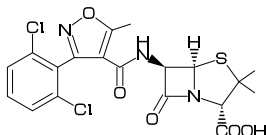
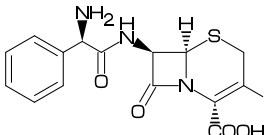
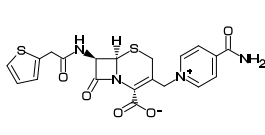
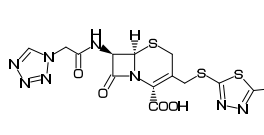
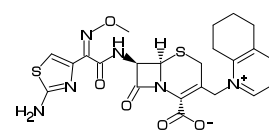
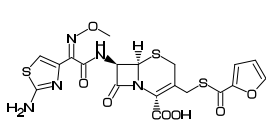
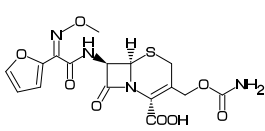
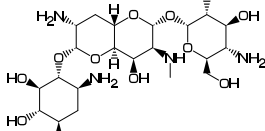
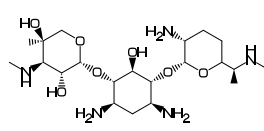
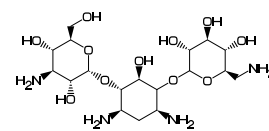
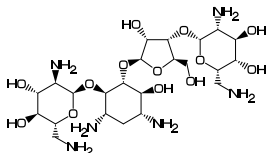
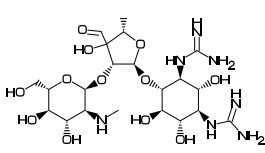
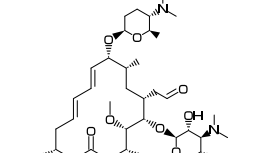
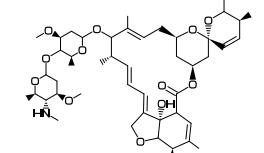
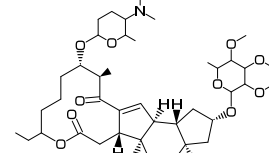
MW:430.7060 / FM:C29H50O2
MW:430.717 (data)

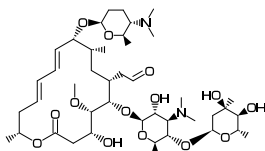
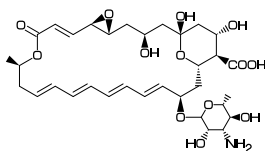
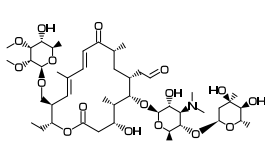
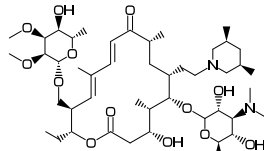
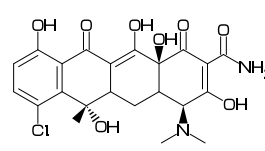
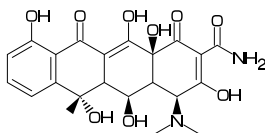
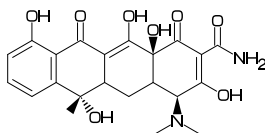
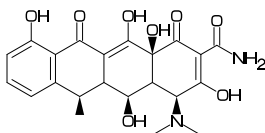
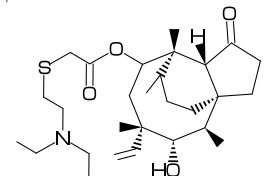
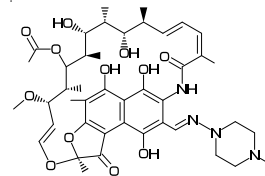
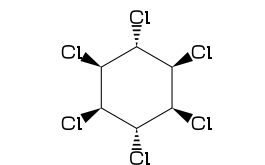
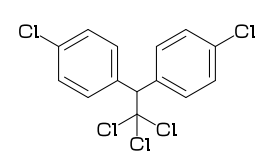
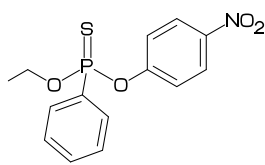
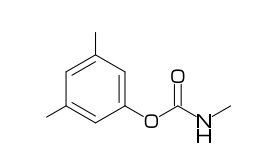
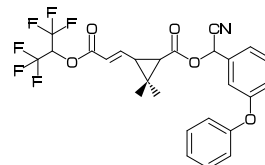
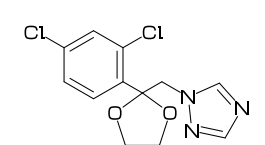
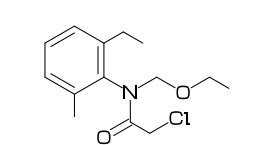
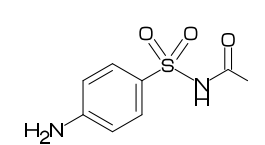
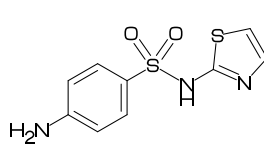
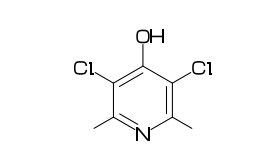
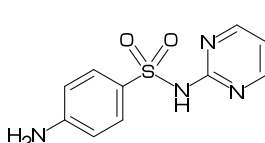
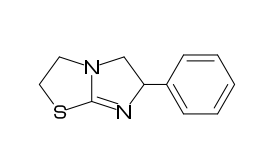
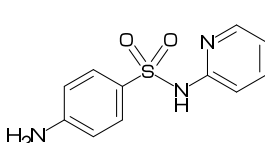
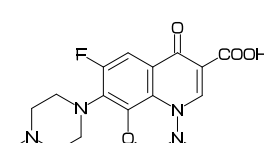
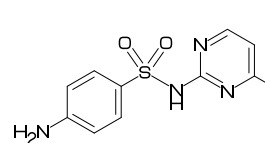
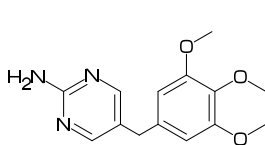
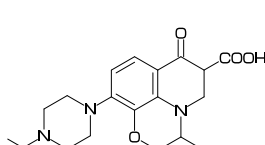
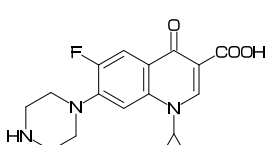
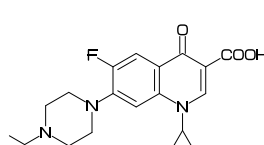
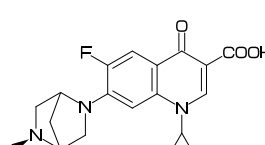
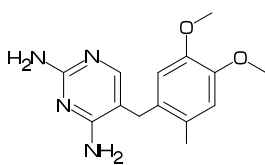
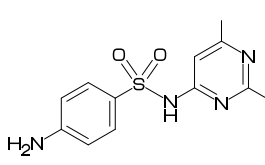
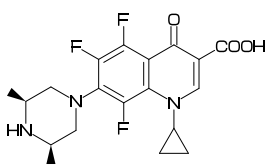
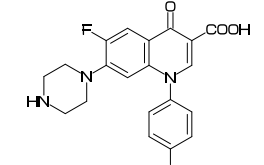
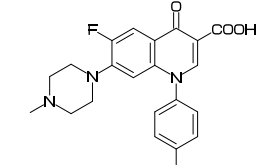
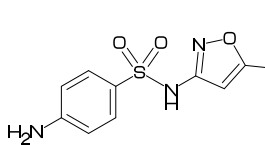
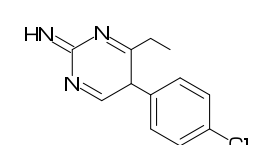
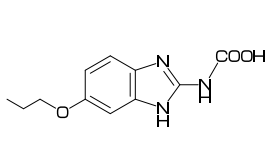
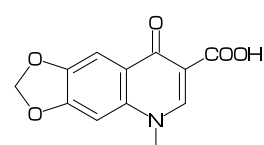


35:Carotene

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



76:ColchicineMW:399.4370 / FM:C22H25NO6
MW:399.443 (data)**77:Lycorine**MW:287.3104 / FM:C16H17NO4
MW:287.315 (data)**78:Ibotenic acid**MW:158.1121 / FM:C5H6N2O4
MW:158.113 (data)**79:illudin S**MW:264.3168 / FM:C15H20O4
MW:264.3 (data)**80:Muscarine**MW:174.2605 / FM:C9H20NO2
MW:174.26 (data)**81:Psilocybin**MW:284.2481 / FM:C12H17N2O4P
MW:284.248 (data)**82:Tetrodotoxine**MW:319.2679 / FM:C11H17N3O8
MW:319.27 (data)**83:Aflatoxin B1**MW:312.2735 / FM:C17H12O6
MW:312.27 (data)**84:Hexaphenylbenzene**MW:534.6875 / FM:C42H30
MW:534.6876 (data)**85:Kekulene**MW:600.7041 / FM:C48H24
MW:600.7 (data)**86:18-Crown-6**MW:264.3153 / FM:C12H24O6
MW:264.32 (data)**87:Porphyrin**MW:310.3519 / FM:C20H14N4
MW:310.4 (data)**88:Sulflower**MW:448.6911 / FM:C16S8
MW:448.69 (data)**89:Arsphenamine x5**MW:915.1977 / FM:C30H30As5N5O5
MW:915.2 (data)**90:Melamine**MW:126.1199 / FM:C3H6N6
MW:126.12 (data)**91:Sudan red 1**MW:248.2792 / FM:C16H12N2O
MW:248.28 (data)**92:Disperse violet 1**MW:238.2413 / FM:C14H10N2O2
MW:238.25 (data)**93:Wat blue 1**MW:262.2627 / FM:C16H10N2O2
MW:262.27 (data)**94:Amoxicillin**MW:365.4041 / FM:C16H19N3O5S
MW:365.4042 (data)**95:Ampicillin**MW:349.4047 / FM:C16H19N3O4S
MW:349.405 (data)**96:Benzyl-Penicillin**MW:334.3901 / FM:C16H18N2O4S
MW:334.4 (data)**97:Mecillinam**MW:325.4264 / FM:C15H23N3O3S
MW:325.4264 (data)**98:Nafcillin**MW:414.4747 / FM:C21H22N2O5S
MW:414.4748 (data)**99:Oxacillin**MW:401.4362 / FM:C19H19N3O5S
MW:401.4363 (data)**100:Cloxacillin**MW:435.8813 / FM:C19H18ClN3O5S
MW:435.8813 (data)**101:Dicloxacillin**MW:470.3263 / FM:C19H17Cl2N3O5S
MW:470.3264 (data)**102:Cefalexin**MW:347.3888 / FM:C16H17N3O4S
MW:347.3889 (data)**103:Cefalonium**MW:458.5107 / FM:C20H18N4O5S2
MW:458.5107 (data)**104:Cefazorin**MW:454.5071 / FM:C14H14N8O4S3
MW:454.51 (data)**105:Cefquinome**MW:528.6038 / FM:C23H24N6O5S2
MW:528.6 (data)**106:Ceftiofur**MW:523.5625 / FM:C19H17N5O7S
MW:523.5626 (data)**107:Cefuroxime**MW:424.3852 / FM:C16H16N4O8S
MW:424.3852 (data)**108:Apramycin**MW:539.5771 / FM:C21H41N5O11
MW:539.58 (data)**109:Gentamycin**MW:477.5954 / FM:C21H43N5O7
MW:477.596 (data)**110:Kanamycin**MW:484.4986 / FM:C18H36N4O11
MW:484.499 (data)**111:Fradiomycin**MW:614.6437 / FM:C23H46N6O13
MW:614.644 (data)**112:Streptomycin**MW:581.5740 / FM:C21H39N7O12
MW:581.574 (data)**113:Neospiramycin**MW:698.8842 / FM:C36H62N2011
MW:698.9 (data)**114:Emamectine**MW:886.1187 / FM:C49H75N13
MW:886.133 (data)**115:Spinosad**MW:731.9555 / FM:C41H65N10
MW:731.968 (data)

116:SpiramycinMW:843.0526 / FM:C43H74N2O14
MW:843.1 (data)**117:Natamycin**MW:665.7251 / FM:C33H47N013
MW:665.733 (data)**118:Tylocin**MW:916.1000 / FM:C46H77N017
MW:916.10 (data)**119:Tilmicosin**MW:869.1330 / FM:C46H80N2O13
MW:869.133 (data)**120:Chlortetracyclin**MW:478.8796 / FM:C22H23ClN2O8
MW:478.88 (data)**121:Oxytetracyclin**MW:460.4339 / FM:C22H24N2O9
MW:460.434 (data)**122:Tetracyclin**MW:444.4345 / FM:C22H24N2O8
MW:444.435 (data)**123:Doxycyclin**MW:444.4345 / FM:C22H24N2O8
MW:444.43 (data)**124:Tiamulin**MW:493.7420 / FM:C28H47N04S
MW:493.74 (data)**125:Rifampicin**MW:822.9402 / FM:C43H58N4O12
MW:822.94 (data)**126:BHC**MW:290.8298 / FM:C6H6Cl6
MW:290.83 (data)**127:pp-DDT**MW:354.4862 / FM:C14H9Cl5
MW:354.49 (data)**128:EPN**MW:323.3040 / FM:C14H14N04PS
MW:323.303 (data)**129:XMC**MW:179.2157 / FM:C10H13N02
MW:179.2 (data)**130:Acrinathrin**MW:541.4390 / FM:C26H21F6N05
MW:541.45 (data)**131:Azaconazole**MW:300.1406 / FM:C12H11Cl2N3O2
MW:300.139 (data)**132:Acetochlor**MW:269.7671 / FM:C14H20ClN02
MW:269.769 (data)**133:Sulfacetamide**MW:214.2415 / FM:C8H10N03S
MW:214.239 (data)**134:Sulfatiazole**MW:255.3166 / FM:C9H9N3O2S2
MW:255.31 (data)**135:Chlopidol**MW:192.0425 / FM:C7H7Cl2NO
MW:192.039 (data)**136:Sulfadiadine**MW:250.2769 / FM:C10H10N4O2S
MW:250.276 (data)**137:Levamisole**MW:204.2913 / FM:C11H12N2S
MW:204.29 (data)**138:Sulfapyrizine**MW:249.2889 / FM:C11H11N3O2S
MW:249.288 (data)**139:Marbofloxacin**MW:362.3555 / FM:C17H19FN4O4
MW:362.361 (data)**140:Sulfamerazine**MW:264.3035 / FM:C11H12N4O2S
MW:264.303 (data)**141:Trimetoprim**MW:275.3030 / FM:C14H17N3O3
MW:290.323 (data)**142:Ofloxacin**MW:359.4194 / FM:C19H25N3O4
MW:361.373 (data)**143:Ciprofloxacin**MW:331.3415 / FM:C17H18FN3O3
MW:331.347 (data)**144:Enrofloxacin**MW:359.3946 / FM:C19H22FN3O3
MW:359.401 (data)**145:Danofloxacin**MW:357.3788 / FM:C19H20FN3O3
MW:357.385 (data)**146:Ormetoprim**MW:274.3183 / FM:C14H18N4O2
MW:274.324 (data)**147:Sulfadimidine**MW:278.3301 / FM:C12H14N4O2S
MW:278.33 (data)**148:Orbifloxacin**MW:395.3756 / FM:C19H20F3N3O3
MW:395.382 (data)**149:Sarafloxacin**MW:385.3640 / FM:C20H17F2N3O3
MW:385.371 (data)**150:Difloxacin**MW:399.3906 / FM:C21H19F2N3O3
MW:399.398 (data)**151:Sulfamethoxazole**MW:253.2776 / FM:C10H11N3O3S
MW:253.276 (data)**152:Pirimethamin**MW:233.6967 / FM:C12H12ClN3
MW:248.714 (data)**153:Oxibendazole**MW:235.2392 / FM:C11H13N3O3
MW:249.27 (data)**154:Oxolinic acid**MW:261.2301 / FM:C13H11N05
MW:261.233 (data)**155:Lincomycin**MW:406.5373 / FM:C18H34N2O6S
MW:406.54 (data)