

## Medicine Food Homology Compound Library (96-well)

### Product Details:

|                 |  |
|-----------------|--|
| Catalog Number: | HY-L055  |
| Formulation:    | A collection of 470 medicine food homology compounds supplied as pre-dissolved Solutions or Solid                        |
| Container:      | 96- or 384-well Plate with Peelable Foil Seal; 96-well Format Sample Storage Tube With Screw Cap and Optional 2D Barcode |
| Storage:        | -80°C  |
| Shipping:       | Blue ice   |
| Packaging:      | Inert gas  |

### Plate layout: HY-L055-1

|   | 1     | 2                                   | 3                 | 4                          | 5                            | 6                            | 7                | 8                        | 9                   | 10               | 11   | 12    |
|---|-------|-------------------------------------|-------------------|----------------------------|------------------------------|------------------------------|------------------|--------------------------|---------------------|------------------|--|-------|
| a | Empty | meso-Erythritol                     | Asaraldehyde      | (-)(S)-Equol               | (±)-Equol                    | Spiramycin                   | Zearalenone      | β-Elementene             | Ketoisophorone      | Maltotriose      | Homogentisic acid                          | Empty |
| b | Empty | Turanose                            | Petroselinic acid | Moracin M                  | Ginsenoside F2               | Isobavachalcone              | Aloperine        | 4,4'-Dimethoxychalcone   | Meisoindigo         | Silibinin        | Kaempferol                                 | Empty |
| c | Empty | Tectochrysin                        | Biochanin A       | Genistein                  | [6]-Gingerol                 | Shogaol                      | Paradol          | Zingerone                | 1-Deoxyynojirimycin | Bardoxolone      | Myricetin                                  | Empty |
| d | Empty | Hesperidin                          | Kaempferide       | 10-Deacetylbaicalin III    | Genipin                      | Berberine (chloride hydrate) | Quercetin        | Berberine (chloride)     | Rottlerin           | Decursin         | Xanthotoxol                                | Empty |
| e | Empty | 2'-Hydroxy-4'-methylacetophenone    | cis-Isolimonenol  | Piperonylic acid           | Transcroctein meglumine salt | (-)-Menthol                  | Methyl vanillate | Ammonium glycyrrhizinate | Cinnamoylglycine    | Aminophylline    | Ginkgolide A                               | Empty |
| f | Empty | D-Glucose                           | L-Carnitine       | Tylosin (tartrate)         | Tylosin                      | Dihydroergotamine (mesylate) | Anethole         | Danthron                 | L-Selenomethionine  | 2-Phenylethanone | Citric acid (trilithium salt tetrahydrate) | Empty |
| g | Empty | i-Inositol                          | Salicyl alcohol   | Sodium citrate (dihydrate) | (+)-Kavain                   | Sucrose                      | Methyl stearate  | Maltitol                 | Stearic acid        | Lecithin         | 4-Methylherniarin                          | Empty |
| h | Empty | 7-Amino-4-(trifluoromethyl)coumarin | Isovanillin       | Curcumin                   | Demethoxycurcumin            | Bisdemethoxycurcumin         | Geniposide       | Geniposidic acid         | Glycitin            | Astragalgin      | Glycitein                                  | Empty |

### Plate layout: HY-L055-2

|   | 1     | 2                         | 3            | 4                     | 5                     | 6                             | 7                           | 8                            | 9               | 10                           | 11                           | 12    |
|---|-------|---------------------------|--------------|-----------------------|-----------------------|-------------------------------|-----------------------------|------------------------------|-----------------|------------------------------|------------------------------|-------|
| a | Empty | Daidzin                   | Daidzein     | Ginsenoside Rb2       | Ginsenoside Rb3       | Ginsenoside Rc                | Ginsenoside Rd              | Ginsenoside Re               | Ginsenoside Rg1 | Nuciferine                   | Chlorogenic acid             | Empty |
| b | Empty | 4,5-Dicaffeoylquinic acid | Ferulic acid | Ferulic acid (sodium) | Ethyl ferulate        | Angoroside C                  | Macelignan                  | Crotonoside                  | Byakangelicol   | Bilobalide                   | Apocynin                     | Empty |
| c | Empty | Vanillin                  | Naringenin   | Neohesperidin         | Isoliquiritigenin     | Sophocarpine                  | Curcumol                    | Dihydromyricetin             | Hordenine       | Gastrodin                    | Naringin Dihydrochalcone     | Empty |
| d | Empty | Sesamin                   | Dioscin      | Sclareol              | Sclareolide           | Shikimic acid                 | Synephrine (hydrochloride)  | Tangeretin                   | Parthenolide    | Phloretin                    | Phlorizin                    | Empty |
| e | Empty | Piperine                  | Puerarin     | Quercetin (dihydrate) | Monensin sodium salt  | Neohesperidin dihydrochalcone | Nobiletin                   | Oleanolic Acid               | Hesperetin      | Beta-Sitosterol (purity>80%) | Beta-Sitosterol (purity>98%) | Empty |
| f | Empty | Caffeic acid              | Diosgenin    | Diosmin               | 18β-Glycyrrhetic acid | Glycyrrhizic acid             | Dipotassium glycyrrhizinate | Amygdalin                    | Andrographolide | Patchouli alcohol            | L-Phenylalanine              | Empty |
| g | Empty | Dauricine                 | Daurisoline  | Aurantio-obtusin      | Tetramethylpyrazine   | Irisflorethin                 | Echinatin                   | Caffeic acid phenethyl ester | Daphnetin       | Diacerein                    | Esculetin                    | Empty |
| h | Empty | Isoimperatorin            | Mangiferin   | Oleuropein            | Protocatechu aldehyde | Sinensetin                    | Tetrahydropalmitine         | Thiocolchicoside             | Cholesterol     | Momordin Ic                  | 3-Butylidenephthalide        | Empty |

### Plate layout: HY-L055-3

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|----|----|----|
|---|---|---|---|---|---|---|---|---|----|----|----|

|   |       |                 |                               |                            |                    |                              |                            |                  |                   |                             |                |       |
|---|-------|-----------------|-------------------------------|----------------------------|--------------------|------------------------------|----------------------------|------------------|-------------------|-----------------------------|----------------|-------|
| a | Empty | Eugenol         | (-)-Syringaresnol<br>4-O-β-D- | Syringic acid              | Helicid            | (E)-Ethyl p-methoxycinnamate | Methyl Paraben             | p-Coumaric acid  | Trans-Anethole    | Linalool                    | Bergapten      | Empty |
| b | Empty | Licochalcone B  | Liquiritin                    | Liquiritigenin             | Nardosinone        | Galangin                     | Rhynchophylline            | Glabridin        | Fructose          | Sinigrin                    | Daucosterol    | Empty |
| c | Empty | β-Carotene      | Sesamoside                    | Sophoricoside              | Cycloastragenol    | Astragaloside IV             | Astragaloside I            | Astragaloside II | Astragaloside III | Germacrone                  | Neferine       | Empty |
| d | Empty | 8-Gingerol      | 10-Gingerol                   | Sinapine (thiocyanate)     | Hyperoside         | L-Arginine                   | L-Arginine (hydrochloride) | Cichoric Acid    | L-Chicoric Acid   | Rebaudioside A              | Rebaudioside C | Empty |
| e | Empty | Tyrosol         | Liensinine                    | Liensinine (Diperchlorate) | Gentiopicroside    | Nitidine (chloride)          | Mogroside V                | Loganin          | Erianin           | Calycosin-7-O-β-D-glucoside | Gallic acid    | Empty |
| f | Empty | Propyl gallate  | Ethyl gallate                 | 2"-O-Galloylhyperin        | Morrisonide        | Cynaroside                   | Pseudoginsenoside F11      | Nomilin          | Wedelolactone     | Hydroxysafflor yellow A     | Madecassoside  | Empty |
| g | Empty | Hydroxytyrosol  | Umbelliferone                 | Pinocembrin                | Deapioplatygodin D | Dehydrodiisoeugenol          | Genistin                   | Panaxadiol       | Panaxatriol       | Ginsenoside F1              | Ginsenoside Rf | Empty |
| h | Empty | Ginsenoside Rg2 | 20(S)-Ginsenoside Rg3         | Ginsenoside Rh1            | Ginsenoside Rh2    | Ginsenoside Ro               | Cinnamic acid              | Sucralose        | Mulberroside A    | Morin                       | Alpinetin      | Empty |

Plate layout: HY-L055-4

|   |       |                       |                            |                             |                      |                          |                 |                     |                           |                           |                        |       |
|---|-------|-----------------------|----------------------------|-----------------------------|----------------------|--------------------------|-----------------|---------------------|---------------------------|---------------------------|------------------------|-------|
|   | 1     | 2                     | 3                          | 4                           | 5                    | 6                        | 7               | 8                   | 9                         | 10                        | 11                     | 12    |
| a | Empty | Kaempferitrin         | Maslinic acid              | Eriodictyol                 | Kuromanin (chloride) | α-L-Rhamnose monohydrate | Carnosic acid   | Dicoumarol          | Spinosin                  | Jujuboside A              | Dehydroandrographolide | Empty |
| b | Empty | Kalidihydrographolidi | Pyridoxine (hydrochloride) | Pseudoprotodioscin          | Vindoline            | Schisandrol B            | Schisantherin B | Crocin              | Schaftoside               | (S)-Indoximod             | Vanillic acid          | Empty |
| c | Empty | Coumarin              | Berbamine                  | Berbamine (dihydrochloride) | Neoandrographolide   | Dracorhodin perchlorate  | Genkwanin       | Leonurine           | Leonurine (hydrochloride) | Oxysophocarpine           | Monocrotaline          | Empty |
| d | Empty | Scutellarin           | Barlerin                   | Isoferulic acid             | Isorhynchophylline   | Isoliensinine            | Isofraxidin     | Isorhamnetin        | Isosilybin                | Ginkgolide B              | Ginkgolide C           | Empty |
| e | Empty | Lupeol                | Tectorigenin               | (20S)-Protopanaxadiol       | Protodioscin         | Tenuigenin               | Sweroside       | Chikusetsuponin Iva | Shikonin                  | Shionone                  | (20S)-Protopanaxatriol | Empty |
| f | Empty | Methyl protodioscin   | Ingenol                    | Isosteviol                  | Isoastragaloside I   | Isoastragaloside II      | Ginkgetin       | Tubeimoside I       | Tetrahydrocurcumin        | Octahydrocurcumin         | Ginsenoside C-K        | Empty |
| g | Empty | Ginsenoside Rg5       | Rehmannioside D            | Manninotriose               | Yangonin             | Hexahydrocurcumin        | Coixol          | Xanthoxylin         | D-(+)-Trehalose           | D-(+)-Trehalose dihydrate | Suberosin              | Empty |
| h | Empty | Apigenin              | Royal Jelly acid           | Herniarin                   | (+)-Borneol          | 20(R)-Ginsenoside Rg3    | (E)-Cardamonin  | Periplocin          | Asperuloside              | 2-Methoxycinnamic acid    | Tussilagone            | Empty |

Plate layout: HY-L055-5

|   |       |                               |                                |                            |                        |                                     |                            |                            |                                |                       |                     |       |
|---|-------|-------------------------------|--------------------------------|----------------------------|------------------------|-------------------------------------|----------------------------|----------------------------|--------------------------------|-----------------------|---------------------|-------|
|   | 1     | 2                             | 3                              | 4                          | 5                      | 6                                   | 7                          | 8                          | 9                              | 10                    | 11                  | 12    |
| a | Empty | Syringaldehyde                | p-Anisic acid                  | 20(R)-Ginsenoside Rh2      | Platycodin D           | Pogostone                           | Sesamol                    | Raspberry ketone           | Citric acid                    | Tabersonine           | Oroxin B            | Empty |
| b | Empty | Complanatuside                | Isoquercetin                   | Ganoderic acid A           | Levistolide A          | Dencichine                          | Gardenoside                | 7β-Hydroxylathyrin         | Astramembranin                 | Nystose               | Pulegone            | Empty |
| c | Empty | Methyl deacetylasperuloside   | Ganoderic acid D               | 3,4-Dimethoxycinnamic acid | 4',5-Dihydroxyflavone  | 4'-O-Methylbavachalcone             | Danshensu                  | Dihydrocoumarin            | D-(+)-Raffinose (pentahydrate) | 5-O-Demethylnobiletin | Nerolidol           | Empty |
| d | Empty | Homoplantagin                 | Dihydrocurcumin                | 3'-Methoxypuerarin         | 3'-Hydroxypuerarin     | Triolein                            | Anacardic Acid             | Parishin                   | Myristic acid                  | Vanillyl alcohol      | Perillartine        | Empty |
| e | Empty | Genipin 1-β-D-gentiobioside   | Kavain                         | Ginkgolic acid C17:1       | Isoginkgetin           | Sciadopitysin                       | N-Nornuciferine            | 3-Dehydrotrametenolic acid | Nootkatone                     | Fucoxanthin           | Mogrol              | Empty |
| f | Empty | 4'-Demethylpodophyllotoxin    | Piperlongumine                 | Coumestrol                 | p-Hydroxycinnamic acid | Stearyl glycerylphosphatidylcholine | Flavokawain A              | [8]-Shogaol                | Sulforaphene                   | β-Elemonic acid       | Maltotetraose       | Empty |
| g | Empty | Methylinissolin-3-O-glucoside | Demethylsuberosin              | Myristicin                 | 1-Monomyristin         | Ginsenoside Rk1                     | 1F-Fructofuranosyl nystose | Poricoic acid A            | Phytol                         | Caryophyllene oxide   | 6"-O-Acetylglycitin | Empty |
| h | Empty | Platycodin D2                 | 5,7-Dihydroxy-4-methylcoumarin | L-Fucitol                  | Glycycoumarin          | Cyanidin-3-O-galactoside (chloride) | Quercetagitrin             | 3-O-Methylgalangin         | Licoflavone A                  | Licochalcone D        | Dehydronuciferine   | Empty |

Plate layout: HY-L055-6

|   | 1     | 2                           | 3                                      | 4                                | 5                            | 6                         | 7                    | 8                          | 9                 | 10                          | 11                         | 12    |
|---|-------|-----------------------------|--|----------------------------------|------------------------------|---------------------------|----------------------|----------------------------|-------------------|-----------------------------|----------------------------|-------|
| a | Empty | 4-Methylesculetin           | 4'-O-Methylchavicol                    | Sinapine                         | (-)-Fenchone                 | (-?)?-Maackiain           | Soyasapogenol B      | 6-Hydroxy-4-methylcoumarin | Veratridine       | Elemicin                    | Hydroxy- $\beta$ -sanshool | Empty |
| b | Empty | Hydroxy- $\alpha$ -sanshool | Abietic acid                           | Angellic acid                    | Juglone                      | Methyl Eugenol            | Perillyl alcohol     | 4'-Hydroxychalcone         | Nerol             | Inulin                      | Dihydroferulic acid        | Empty |
| c | Empty | Erucic acid                 | Kaempferol 3-O- $\beta$ -D-glucuronide | D-Erythrose 4-phosphate (sodium) | 2,5-Dihydroxyacetophenone    | 2,5-Dihydroxybenzoic acid | Methyl syringate     | N-Methylbenzylamine        | Phloracetophenone | Sinapinic acid              | Acetosyringone             | Empty |
| d | Empty | Citronellol                 | Ethyl maltol                           | 2-Phenylacetaldehyde             | 3,4,5-Trimethoxynamic acid   | trans-Benzylideneacetone  | Maltol               | 2-Furoic acid              | Tiglic acid       | Ethyl 3-coumarincarboxylate | Ethyl phenylacetate        | Empty |
| e | Empty | 3,5-Dihydroxybenzoic acid   | 2-Hydroxyphenylacetic acid             | L-(+)-Arabinose                  | Fumaric acid                 | Hippuric acid             | 3-Methyl-L-histidine | Methyl cinnamate           | Hexadecanoic acid | trans-Cinnamaldehyde        | Coumarin-3-carboxylic Acid | Empty |
| f | Empty | L-Arabinitol                | Kojic acid                             | Cinnamyl Alcohol                 | 3,4,5-Trimethoxybenzoic acid | Methyl Salicylate         | Dibutyl phthalate    | L-Lactic acid              | 5-Methylfurfural  | D-(-)-Mandelic acid         | 1,3,5-Trimethoxybenzene    | Empty |
| g | Empty | 2',4'-Dihydroxyacetophenone | 4-Methoxybenzaldehyde                  | Methyl 2-furoate                 | (S)-Malic acid               | Hydrocinnamic acid        | Malic acid           | 2'-Hydroxyacetophenone     | DL-Menthol        | Tridecanoic acid            | (-)-Limonene               | Empty |
| h | Empty | Empty                       | Empty                                  | Empty                            | Empty                        | Empty                     | Empty                | Empty                      | Empty             | Empty                       | Empty                      | Empty |