

VĚCNÝ REJSTŘÍK

A

- Abarema*, 315
 - *undulatum*, 315
 abhexon, 37, **70**, **72**
Abies alba, 123
 abietadien, **8**, **9**
 absinthin, **142**
Acacia, 283-285, 314
 acenaften, **431**, **434**, 435, 436
 acenaftylen, **431**, **434**, 435
Acer saccharum, 38
 acesulfam, **373**, 374, 376
 acetaldehyd, **32**, 45, 47, 318, 349
 acetal, 42, **47**, **48**
 - cyklické viz dioxolany
 acetamidy, **87**
 acetáty, **65**
Acetobacter, 49, 114
 - *aceti*, 49
 acetofenon, **40**
 acetoin, **25**, **26**, **40**, **41**
 acetol, **25**, 40, 41
 aceton, **37**, **38**, 286
 acetovanillon, **77**, **78**
 acetyleny, 355
Acorus americanus, 29
 - *calamus*, 29, 143, 372, 583
 acyloiny viz sloučeniny hydroxykarbonylové
 aditiva, 247, **348-404**, 569, 570, **577-584**
 adrenalin viz epinefrin
Aesculus, 202, 307
 - *hippocastanum*, 202
 aflatoxikol, **461-462**
 aflatoxiny, 157, 458, **460-464**, 480
 aflatrem, **478**
 afzelechiny, **154**, **155**
Agaricum officinale, 334
Agaricus, 119, 181, 326, 331, 332
 - *bisporus*, 119, 181, 331
 - *campestris*, 332
 - *xanthodermus*, 326
 agarin viz kyselina ibotenová
 agaritin, **331-333**
 AGE, 407
Ageratum conyzoides, 264
 agmatin, **317**, **318**, 320-322
Agrimonia, 153
 agrimoniin, **153**, **154**
Achillea millefolium, 125, 372
 - *moschata*, 372
 ajapin, **307**, **308**
 ajoen, **83**
 akacetin, **200**, **201**
 akacipetalin, **283-285**
 akorin, **143**
 akridiny, 241
 akrolein, 31, **32**, **43**, 47, 349, 407
 akrylamid, **411-416**, **587**
 albin, **265**, **266**
Alcaligenes, 496
 aldehyd jahodový, **129**
 - listový viz hexenal
 - malinový, **129**
 - skořicový viz cinnamaldehyd
 aldehydy, 15, **31-37**, **41-47**
 - aromatické, **35**, **36**
 - heterocyklické, **36**
 - mastné, **32-34**
 - šerikové, 18, **20**, **21**
 - terpenové, **34**, **35**
 ALE, 407
Alexandrium, 337
 algicidy, **532**
 alizarin, **212**, **213**
 alk(en)ylcysteinsulfoxidy, **161**
 alk(en)ylfurany, **90**
 alkadienaly, 99, 100
 alkaloidy, 136, **257-271**
 - brambor, **258**
 - čaje, **258**
 - chinolinové, **258**, **266-268**
 - chinolizidinové, **258**, **265-266**
 - chinovníku, **258**
 - kakaa, **258**
 - kávy, **258**
 - lupiny, **258**
 - námellové, 458, **475-477**
 - papriky viz kapsaicinoidy
 - pepře, **258**
 - piperidinové, **258**, **260**, **261**
 - pravé, **257**
 - purinové, **258**, **270-271**
 - pyridinové, **258**
 - pyrrolidinové, **258**
 - pyrrolizidinové, **258**, **261-265**
 - rajčat, **258**
 - seneciové, **258**
 - steroidní, **271-276**
 - tabáku, **258**, 357
Alkanna tinctoria, 212
 alkannin, 212
 alkany, 9

- alkenaly, 45, 99, 100
alkeny, 9
alkohol listový viz hexenol
- skořicový viz cinnamylalkohol
- šeříkový, 18
alkoholy, 11-28
- alifatické, 11
- aromatické, 23-25
- heterocyklické, 23-25
- monoterpénové, 18-21
- nenasycené, 16
- seskviterpénové, 21-23
- terpénové, 18-23, 120
- triterpénové, 276, 369
- vyšší, 13
alkylbenzeny, 10
alkylenoxidy, 351, 353
alkylresorcinoly, 251
alkylxyleny, 10
allyny, 219
allicin, 351, 355
alliin, 83, 161, 428
alliospirosidy, 280
Allium, 81, 110, 140, 161, 192, 279, 280, 313, 315, 366
- *ampeloprasum*, 110, 161, 280, 313
- *cepa*, 110, 140, 161, 192, 279, 313, 366
- *sativum*, 110, 161, 280, 313
- *schoenoprasum*, 110, 161
allofykokyaniny, 176
allomelaniny, 177, 178
allomuskarin, 330
allylalkoholy, 16, 428
allylamin, 84
allylaminothiokarbonylsulfonát, 354
allyldithiokarbamat, 84
allylglycin, 328, 329
allylisothiokyanát, 82, 160, 251, 292, 351, 354
allylkyanid, 74, 292
Aloe 213, 372
aloe-emodin, 213, 214
aloiny, 213, 214, 372, 373, 584
altenuen, 477
Alternaria, 458, 460, 477, 478
- *alternata*, 477, 478
alternarioly, 477-478
altertoxiny, 477-478
Alutera scripta, 345
amanin, 327
amaninamid, 327
Amanita, 181, 182, 210, 326, 328, 330, 331
- *abrupta*, 328
- *citrina*, 331
- *muscaria*, 181, 210, 326, 328, 330
- *pantherina*, 326, 328
- *phalloides*, 326
- *regalis*, 326
- *virosa*, 326
amanitiny, 326-328
amanullin, 327
amaranthin, 180, 181
Amaranthus caudatus, 313
- *tricolor*, 181
amarogencin viz amarogentosid
amarogentosid, 141
amatoxiny, 326-328
amentoflavon, 202
amidy, 87
aminocyklopropanol, 330
aminoimidazozaareny, 409-411
aminokyseliny toxické, 313-317
aminonitropropoxybenzen, 374, 375
aminopropandioly, 428
aminopropionamid, 87
aminopropionitril, 283, 314
aminy, 85, 86
- biogenní, 317-325
- heterocyklické, 408-411
- primární, 448
- sekundární, 446
- terciární, 448, 449
amoniak, 85, 86
amorfeny, 7
ampelopsin, 201
amygdalin, 283-287
amylalkoholy viz pentanoly
Amylobacter, 13
amyriny, 277, 279, 369
anabasin, 259, 260, 529
Anabasis aphylla, 530
anabsinthin, 142
Ananas comosus, 107
anatabin, 259, 260
androstenony, 99
anethol, 3, 29, 30
Anethum graveolens, 72, 121
Angelica archangelica, 308
angelicin, 307-309
angelikalaktony, 62, 69, 70, 348
angolensin, 306
Anguilla anguilla, 345
angustifolin, 265, 266
Anchusa officinalis, 263
- *tinctoria*, 212
anilidy, 533
anionty toxické, 482
anisaldehyd, 36
anisketon, 40
anisol, 29, 30
ankaflavin, 207

- annatto, **223**
 antamandin, **326, 328**
 antheraxanthin, **219, 220, 222-224, 229**
 anthochlory, **188**
 anthokyanidiny, **187-189**
 anthokyaniny viz anthokyany
 anthokyany, **188-199, 237**
 anthoxanthiny, **188, 194**
 anthracen, **431, 434, 435**
 anthragallol, **213**
 anthrahydrochinon, **212**
 anthrachinony, **208, 209, 212**
 anthraniláty, 65, 109
 anthranol, **212, 215**
 anthron, **212, 215**
 antibiotika, **351-352, 533, 552, 556, 558, 559**
 antiisohumulony, **145, 146**
 antimycin viz citrinin
 antioxidanty, **348, 360-371**
 - primární, **360**
 - přírodní, **366**
 - sekundární, **360**
Antirrhinum, 203, 205
 - *majus*, 205
 antivitaminy, **250**
Aphanizomenon flos-aquae, 337
 apigenin, **200, 201**
 apigeninidin, **189**
Apium graveolens, 72, 109, 209
 apokarotenoidy, 144, **221, 226, 228-235**
Arabidopsis thaliana, 472
Arachis hypogaea, 119, 144, 249, 277, 313, 366
 arbutin, **209**
Arcticum lappa, 242
Arctostaphylos uva-ursi, 209
 arginin, toxické analogy, **315**
 archangelicin, **309**
Armeniaca, 104, 191, 284
 - *vulgaris*, 104, 191
Armoracia rusticana, 160, 291
 aromadendrin, **201**
Aronia melanocarpa, 191, 195, 203
 arsen, **586**
Artemisia, 39, 121, 125, 126, 142, 372
 - *absinthium*, 125, 142, 372
 - *cina*, 372
 - *dracunculus*, 121
 - *maritima*, 142
 - *pontica*, 142, 372
 - *vulgaris*, 372
Arthrobacter globiformis, 148
 asarony, **29, 30, 126, 143, 372, 373, 584**
Asarum europeum, 29
 askalonikosidy, **280**
 askorbigen, **293, 294, 297**
 asparagosidy, **281**
 asparagosiny, **280**
Asparagus officinalis, 280
 Aspartam, **374, 375**
Aspergillus, 12, 56, 213, 349-351, 457, 458, 460, 464, 465-467, 478, 479
 - *carbonarius*, 464
 - *carneus*, 458
 - *clavatus*, 458
 - *flavus*, 350, 457, 458, 460, 464, 466, 478, 479
 - *niger*, 12, 56, 350, 464
 - *nomius*, 460
 - *ochraceus*, 458, 464
 - *oryzae*, 458
 - *parasiticus*, 458, 460, 464
 - *tamarii*, 458
 - *tereus*, 458
 - *versicolor*, 458, 464, 466
 - *wentti*, 213
Asperula odorata, 73, 372
 assamsapogenoly, 148, **279**
 astabisin, **142**
 astaxanthin, **226, 227**
 astringin, **356**
Atelops chiriquiensis, 343
 atromentin, **210**
 aurantinidin, **189**
 auraptenol, **308**
 aureusidin, **205, 206**
 aureusin, **205**
 auroxy, **187, 188, 203, 205**
 auroxanthin, **219, 220, 222, 224**
Avena sativa, 88, 366
 avenakosidy, **281**
 avenanthramidy, **88**
 avenin viz glukovanillin
 aviceunin, **310**
 avikularin, **202**
 azafilony, **208**
 azaspirkyseliny, **336, 337, 339, 340**
 azobarviva, **383**
 azodikarbonamid, **389, 390**
 azoxyglykosidy viz glykosidy pseudokyanogenni
- B**
- Bacillus*, 321, 349, 350, 359, 481
 - *cereus*, 349, 350, 481
 - *macerans*, 321
 - *mesentericus*, 350
 - *subtilis*, 359
Backhousia citriodora, 34
 baeocystin, **331**
 bajkalein, **201**
 bakcharin, **468, 469**
 bakteriociny, **351**

- bakteriochlorofyly, **170-174**
bakteriotoxiny, **456, 480, 481**
balchanin, **142**
Bambusa, **285**
Baptisia, **265**
barbaloin viz aloiny
barviva, **1, 163, 383**
- akridinová, **241, 242**
- anorganická, **387**
- anthokyanová, **163**
- anthrachinonová, **383**
- betakyanová, **163**
- billinová, **164**
- difenylmethanová, **383**
- fenazinová, **163, 177, 185**
- fenoxazinová, **163, 177, 185**
- flavinová, **163**
- flavonoidní, **163**
- hemová, **163, 164, 166, 167**
- chinoidní, **163, 208**
- chinolinová, **383**
- chlorofylová, **163, 164**
- indigoidní, **178, 383**
- indolová, **163, 177**
- iridoidní, **163, 234**
- isoalloxazinová, **177, 185**
- isochinolinová, **163, 177, 182**
- isochromenová, **163**
- karotenoidní, **163**
- kurkuminoidní, **163**
- melaninová, **163**
- orceinová, **186**
- porfyrinová, **164**
- přírodní, **163, 383**
- pterinová, **163, 177, 184**
- purinová, **163, 177, 184**
- pyrazolonová, **383**
- pyrimidinová, **163, 177**
- reakční, **163**
- syntetická, **163, 383-387**
- tetrapyrrolová, **164**
- trifenylmethanová, **383**
- xanthenová, **383**
- xanthonová, **163**
- žlučová, **164**
Basella rubra, **181**
bayogenin, **279**
benzaldehyd, **3, 23, 36, 45, 286, 287**
benzen, **10, 444, 445**
benzenaminy, **534**
benzenhexachlorid viz BHC
benzimidazoly, **533, 552, 556**
benzoanthracen, **432, 434, 435, 437, 438, 440**
benzoáty, **348**
benzofenon, **206**
benzofluorantheny, **432-434, 435, 437, 438**
benzofluoren, **433, 435**
benzochinony, **208, 209, 210, 237**
benzochrysen, **441**
benzonitrily, **533**
benzopyreny, **432, 434, 435, 437, 438-441, 443-445**
benzothiadiazoly, **533**
benzoxazinony, **304**
benzoxazolony, **304, 305**
benzoylmočoviny, **532**
benzylalkohol, **23, 25, 84, 85**
benzylamin, **85, 86**
benzylisothiokyanát, **296**
berbamin, **184, 184**
berberin, **177, 182, 183, 184, 372, 373**
Berberis amurensis, **183**
- *asiatica*, **183**
- *vulgaris*, **183**
bergamoten, **7, 8**
bergamotenal, **35**
bergamotol, **21, 22**
bergamottin, **308, 309**
bergapten, **308, 309**
Beta vulgaris, **22, 109, 180, 277, 278**
betakyaniny viz betakyany
betakyany, **179, 181, 182**
betalainy, **177, 179-182**
betanidin, **179, 180**
betanin, **179-181, 182**
betaxanthiny, **179-181, 182**
BFR, **511-523**
BHA, **361-364**
BHC, **536**
BHT, **361-364**
biacetyl, **25, 40, 41**
bianthrony, **213-215**
bifenyly, **351, 352, 362**
- polybromované viz PBB
- polychlorované viz PCB
Bifidobacterium, **247**
biflavonoidy, **201**
bilirubin, **177**
biliverdin, **177**
biochanin, **298-299, 306**
bipyridyl, **259**
bis(tribromfenoxy)ethan viz BTBPE
bisaboleny, **6, 8**
bisabolol, **21, 22**
bisfenol, **305**
bisflavanoly, **243, 244**
Bixa orellana, **223**
bixin, **221, 224, 228**
Blighia sapida, **316**
blumenoly, **230, 231**

- bolaffinin, **326**
 bolesatin, 326
Boletopsis, 210
Boletus, 210, 326, 329, 486, 488
 - *calopus*, 326
 - *edulis*, 486, 488
 - *felleus*, 326
 - *luridus*, 329
 - *satanas*, 326
Bombyx mori, 173
Borago officinalis, 263
 boritany, **354**
 borneol, **19**, 39
 bornylan viz kamfan
Boronia citriodora, 18
Botrytis cinerea, 27, 115, 116
 botulotoxiny, **481**
Bougenvillea glabra, 181
 bourbonal viz ethylvanillin
 bovolidy, **71**
 Br Indan, **522**, **523**
 brakteatin, **205**, **206**
Brassica, 68, 74, 83, 108, 140, 144, 160, 192, 290, 291, 315, 358, 366
 - *chinensis*, 291, 358
 - *juncea*, 74, 160, 291
 - *napus*, 68, 144, 291, 366
 - *nigra*, 74, 290, 291
 - *oleracea*, 83, 108, 140, 160, 192, 291
 - *rapa*, 68, 291, 366
 brassilexin, **358**
 brassininy, **358**
 brevetoxiny, **336**, **337**, **342**
 bromičnany, **389**
 BTBPE, **522**, **523**
Buccinum undatum, 336
Bufo marinus, 331
 bufotenin, **331**, **323**, **324**
 bulgareny, **7**
Bulgaria, 212
 butandioly, **13**, **25**, **26**
 butanoly, **11**, **13-16**
Butea monosperma, 200, 203
 butein, **203**, **204**
 butenal viz krotonaldehyd
 butendialdehyd, **421**, **422**
 butin, **200**
 butrin, **200**, 203
 butylhydrochinon viz TBHQ
 butylhydroxyanisol viz BHA
 butylhydroxytoluen viz BHT
Butyribacterium, 50
Butyrivibrio, 50
 butyrolakton, **69**
Byssochlamys, 349, 465
 - *nivea*, 349
C
Calendula officinalis, 225
Camelia sinensis, 117, 203, 270, 279
Camphora officinalis,
Campylobacter jejuni, 481
Canavalia ensiformis, 315
Candida, 12, 53, 349, 350
 - *albicans*, 350
 - *crusei*, 349
 - *tropicalis*, 12
 - *utilis*, 12
Capparis spinosa, 291
Capsicum, 110, 159, 223, 268, 357, 366
 - *annuum*, 159, 223, 268, 366
 - *frutescens*, 110, 159, 268, 366
Carica, 285
 - *papaya*, 291
Carthamus tinctorius, 203, 225
Carum carvi, 121, 583
Carya illinoensis, 158
Cassia angustifolia, 213
Cassipourea gerrardii, 155
 cembren, **8**
Centaurium erythraea, 205
 centaurosíd, **141**
 cepagenin, **279**, **280**
Cephalosporium, 468
Cerasus avium, 192
 - *vulgaris*, 104, 192
Ceratocystis fimbriata, 140, 310
 cernuosíd, 205
Cicer arietinum, 249, 250, 277, 301, 355
 cicerin, **355**
 ciguatoxiny, **336**, 338, **342-344**
 cichorigenin viz eskuletin
 cichoriin, 139, **307**
Cichorium endivia, 139
 - *intybus*, 68, 139
 cineol, **28**
 cinerin, **530**
Cinchona, 140, 266, 372
 - *calisaya*, 266
 - *ledgeriana*, 266
 - *officinalis*, 140, 266
 - *succiruba*, 266
 cinchonidin, **267**
 cinchonin, **267**
 cinnamaldehyd, **3**, 24, **36**, 445
Cinnamomum, 19, 24, 121, 232
 - *aromaticum*, 232
 - *camphora*, 19
 - *zeylanicum*, 121
 cinnamyl-acetát, **36**

- cinnamylalkohol, **24, 25**
Cinoglossum officinale,
 cirsiliol, **200, 201**
 citranaxanthin, **226, 227**
 citraurin, **221, 228**
 citreoviridin, 458, **467, 468**
 citrinin, 208, 457, 458, **467**
Citrobacter freundii, 25
 citronellal, **34**
 citronellol, **18, 19, 34**
Citrullus lanatus, 139, 232
Citrus, 21, 106, 191, 195, 200, 321, 583
 - *aurantium*, 21, 106, 200, 321
 - *limonum*, 106
 - *paradisi*, 106
 - *reticulata*, 106
 - *sinensis*, 191, 195
Cladosporium, 349, 351
 - *herbarum*, 349
Claviceps, 457, 458, 460, 475, 476, 479
 - *purpurea*, 457, 475, 476, 479
Clitocybe acromelalga, 329
 - *cerussata*, 326
 - *claviceps*, 329
 - *illudens*, 333
Clostridium, 50, 169, 354, 481, 482
 - *botulinum*, 169, 354
 - *botulinum*, 481, 482
 - *kluyveri*, 50
 - *perfringens*, 321, 481
Cnicus benedictus, 142
Coffea, 23, 66, 117, 270
 - *arabica*, 66, 270
 - *canephora*, 23, 66, 270
 - *liberica*, 66, 270
Cochliobolus miyabeanus, 148
Cola acuminata, , 270
 - *nitida*, 271
Colletotrichum graminicola, 288
Cololabis saira, 167
Commiphora habessinica, 127
Conocybe, 331
Coprinus atramentarius, 329
Coreopsis, 203
Coriandrum sativum, 72, 121
Cornus mas, 191
Cortinarius, 326, 327, 330
 - *orellanus*, 327, 330
 - *rubellus*, 330
Corylus avellana, 158
Corymbia citriodora, 18, 34
Cosmos, 203
Cotonoaster, 284
Crambe abyssinica, 291
Crocus sativus, 35, 143, 225, 233
Crossostera gigas, 336
Crotalaria, 264, 314
 - *spectabilis*, 264
Cucumis melo, 139, 232
 - *sativus*, 110, 139
Cucurbita maxima, 139
 - *pepo*, 139
 cukroglyceridy, **395**
 cukry indolové, 297
Cuminum cyminum, 121
Curcuma aromatica, 207
 - *longa*, 121, 207, 366, 367
 - *xanthorrhiza*, 367
Cyanus, 188
Cydonia, 284
 cykasin, **288, 289**
 cyklamáty, **374**
 cykloamanidy, **326**
 cyklobraasinin, **358**
 cyklocitral, **143, 232, 233**
 cyklodieny chlorované, **535**
 cyklohexenony, **533**
 cyklolignany, **302**
 cyklopentapyren, **433, 438**
 cyklopentenolony, **90**
 cyklopropandiol, **330**
 cykloten, **38**
Cymbopogon, 18, 34
 - *nardus*, 18
 - *winterianus*, 18, 34
 cymen, **4, 9**
Cynara cardunculus, 139
 - *scolymus*, 139
 cynaropikrin, **139**
Cynips quercusfolii, 151
 cysteamin, **85**
 cystein, toxické analogy, **315**
 cystin, toxické analogy, **315**
Cytisus, 265
 cytokininy, 323, **534**

Č

- červeň betaninová, 182
 - monasková, **207**
 - turecká viz alizarin

D

- Dactylopius coccus*, 215
 dafnetin, **307, 308**
 dafnin, **308**
Dahlia, 203, 205
 - *variabilis*, 205
 daidzein, 144, **298-299, 306**
 daidzin, **298-299**
Dalbergia, 310

- dalbergin, **310**
Daldinia, 212
damascenony, **124, 232, 233**
damaskoly, **232-234**
damaskony, 38, **232**
Daphne mezereum, 308
DAS viz diacetoxyscirpenol
datiscetin, **202**
Daucus carota, 108, 140, 357
DBDPE, **522, 523**
DCP viz dichloropropanoly
Debaromyces hansenii, 349
deglukoavenakosidy, **281**
dehydroalanin, 352
dehydrobutyrin, 352
dehydrotomatin viz tomatidenol
dehydrovomifoliol, **231**
deidaklin, **284, 285**
Deidamia, 285
dekabromdifenylethan viz DBDPE
dekalaktony, **70**
dekanal, **159**
dekanortriterpenoidy, 143
dekarboxybetanidin, **179, 180**
delfinidin, **188, 189, 192**
Delphinium, 188
Demania, 345
- *reynaudii*, 345
demethoxykurkumin, **207**
demethylangolensin, **306**
demethyleuropein, **137, 138**
demissidin, **272, 274**
demissin, **273, 274**
deoxyamarogentosid, **141**
deoxyerythrolakkin, **215, 216**
deoxygingerol, **367**
deoxyhemoglobin, 165
deoxychinin, **267**
deoxyilludiny, **333, 334**
deoxylaktucin, **139**
deoxymyoglobin, **165, 166, 167**
deoxynivalenol, 458, **468-471**
deoxytetrodotoxin, **342, 343**
deoxyviroidin, **328**
deoxyviroisin, **328**
Derris elliptica, 530
desmethylxanthohumol, **299**
desmosidy, **277**
dhurrin, **283-286**
diacetoxyscirpenol, 458, **468, 471**
diacylglyceroly, **393**
dialk(en)ylthiosulfínáty, **81**
dialkyl-dikarbonáty, 351, **352**
diallylsulfidy, **83, 84**
diallylthiomočovina, **84**
diaminy, 44
diapokarotenoidy, **228**
diarylbutanoidy, **302**
diarylethanoidy viz stilbeny
diarylheptanoidy, **207, 367**
diarylpentanoidy, **367**
diazomethan, 332
dibenzoanthracen, **432, 434, 435, 437, 438, 440**
dibenzodioxiny polybromované viz PBDD
dibenzofurany polybromované viz PBDF
dibenzofurany polychlorované viz PCDF
dibenzodioxiny polychlorované viz PCDD
dibenzopyreny, **432, 433, 435, 438**
dibenzoylperoxid, **389, 390, 392**
didehydronootkaton, **39**
diethoxypropen, 47
diethylacetal, **47**
diethyl-dikarbonát, **352, 353**
diethylstilbestrol, **305, 306**
difenoly, **237, 239-241**
difenylethery, **533**
- polybromované viz PBDE
dihydroakacipetalin viz heterodendrin
dihydroaktindiolid, 232, **233**
dihydrocinnamaldehyd, **36**
dihydroflavonoly, 304
dihydroflavony viz flavonoly
dihydrogenistein, 306
dihydrogynokardin, **284, 285**
dihydrochalkony, **187, 188, 193, 203, 204, 238, 374**
dihydroilludiny, **333**
dihydrokapsaicin, **268-269**
dihydrokarvon, **39, 40**
dihydrokumarin, **73, 74**
dihydrokvercetin viz taxifolin
dihydromyricetin viz ampelopsin
dihydroporfyriny, **171**
dihydropseudojonon viz geranylaceton
dihydrotricetin, **200**
dihydrovomifoliol, **231**
dihydroxyaminy, 43
dihydroxyfenylalanin, 178, 181, 238, 316
dihydroxyfenylethanol, 238
dihydroxyfenylethylamin, 238
dichlorfenol, **560**
dichlormethan, **528, 529**
dichloropropan, **422, 529, 530**
dichloropropanoly, **422-426**
dichlorvinylcystein, **404**
diindolylmethany, **294**
dikapsaicin, **268**
dikapsaicinether, **268**
dillether, **28**
dimethylamin, **86, 323**

- dimethylsulfidy, 81, 82, 317
 dimethylpolysiloxan, 403
 dimethylpyrroly, 162
 dimethylstyren, 10
 dinitroaniliny, 533
 dinitrofenoly, 533
 dinofysistoxiny, 336-339
 dinogunellin, 345, 346
Dinophysis, 338
Dioscorea, 281
 - *alata*, 281
 - *cayenensis*, 281
 - *esculenta*, 281
 - *rotundata*, 281
 - *trifida*, 281
Dioscoreophyllum cumminsii, 375
 diosgenin, 279-281
 diosmetin, 200, 201
 diosmin, 200
 dioxoanthraceny viz anthrachinony
 dioxobenzeny viz benzochinony
 dioxodioxany viz laktidy
 dioxofenanthreny viz fenanthrenchinony
 dioxolany, 43, 47
 dioxonaftaleny viz naftochinony
 dioxopiperaziny, 374
 dipenten, 5
 dipetalin, 310
 diplokokcin, 352
Dipteryx odorata, 73
 disulfiram, 330
 diterpen(oid)y, 3, 8-9
 dithiiny, 83
 dithiokarbamáty, 533
 divicin, 256
 dodekalaktony, 70
 DON viz deoxynivalenol
 dopa viz dihydroxyfenylalanin
 dopachinon, 178
 dopachrom, 318
 dopamin, 317, 319, 320
 dopaxanthin, 180
Drosera rotundifolia, 212
 dulcin, 374
 dulkosid A, 375
Durio zibethinus, 81
 dusičnany, 169, 348, 445, 447, 482-484, 585, 586
 dusík, oxidy, 446
 dusitany, 169, 348, 445, 447, 481-484
Dypterix odorata, 372
- E**
 echimidin, 264, 265
 echinatin, 264
Echium vulgare, 263
 ekvol, 306
Elaeis guineensis, 225, 298
 elemicin, 29, 30
Elettaria cardamomum, 121
 ellagotanniny, 150, 152
Embelia, 209
 embelin, 209
 emodiny, 212-215
 enaminy, 43
 enocyanin, 194
Enterobacter aerogenes,
Enterococcus, 247, 559
 - *faecium*, 559
 enterodiol, 306
 enterolakton, 306
Entoloma sinuatum, 326
 epiafzelechiny, 154, 155
 epiallomuskarin, 330
 epigallokatechin-gallát, 242, 243
 epigallokatechiny, 154, 155, 239, 242, 243
 epiglukobarbarin viz glukosibarín
 epiheterodendrin, 283, 284
 epichlorhydrin, 426
 epilukumin, 287
 epimuskarin, 330
 epinefrin, 318-320
 epiprogoitrin, 290, 291
 epirosmanol, 142, 143, 368
 episarsapogenin, 281
 epismilagenin, 281
 epitetrodotoxin, 342, 343
 epithionitrily, 292
 epoxyapokarotenoidy, 430
 epoxyjonony, 229-231
 epoxykaryofyllen viz karyofyllenoxid
 epoxylignany, 302
 epoxylinalool, 21
 ergokornin, 476
 ergokristin, 476
 ergokryptin, 476
 ergolin, 476
 ergometrin, 476
 ergopeptiny, 476
 ergosin, 476
 ergotamin, 476
 ergothionein, 370
 ericitrin, 199
 eriodiktin, 199
 eriodyktiál, 200
 erytaurin viz genciopikrosid
Erythraea vulgare, 141
 erythrin, 186
 erythrocentaurin, 141
 erythrolakkin, 215, 216

- erythropterin, **184, 185**
Escherichia coli, 313, 349, 350, 481
eskuletin, **307, 308**
eskulin, 139
estafiatin, **142**
estery, **63-69, 74**
- alditolů, **392, 394-396**
- glycerolu, **392, 393**
- glykolů, **392, 393**
- hydroxykyselin, **392, 396**
- methylthio- **102**
- mléčné kyseliny, **396**
- sacharosy, **392, 395, 396**
- sorbitanů, **392, 394, 395**
estradiol, **297, 304, 305, 558**
estragol, **29, 30, 126, 584**
estran, **297**
estriol, **297**
estrogeny, **297, 564**
estron, **297, 306**
ethanol, **12**
ethanolamin, **86**
ether kmínový viz dillether
ethery, **28-31**
- aromatické, **29, 30**
- terpenoidní **28, 29**
ethoxyfenylmočovina viz dulcin
ethoxypropanal, **47**
ethyl-acetát, **65**
ethylamin, **86**
ethylbenzen, **444**
ethylen, **283, 318, 323**
ethylenbiscystein, **404**
ethylenoxid viz oxiran
ethylfenol, **306**
ethylhydroxymethylfuranon viz abhexon
ethyl-karbamát, **453-456, 586**
ethylvanillin, **36, 129**
Eucalyptus, **18, 28**
eudesman, **142**
Eugenia caryophyllata, **121, 160**
eugenol, **3, 29, 36, 76, 160**
eukalyptol viz cineol
eumelaniny, **177, 178**
Eupatorium cannabinum, **264**
europinidin, **189**
- F**
fagopyrin, **214, 215**
Fagopyrum esculentum, **214, 249, 252, 306**
falkarinoly, **357-358**
fallacidin, **327**
fallacin, **327**
fallasacin, **327**
fallisin, **327**
falloidin, **327**
falloin, **327**
fallotoxiny, **326-328**
farneseny, **6, 8, 35**
farnesoly, **21, 22**
fascikuloly, **334**
faseolin, **301, 356**
faseolunatin viz linamarin
faseoluteon **300**
fellandreny, **5, 6**
fellopterin, **308, 309**
fenanthren, **432, 434, 435, 436, 440**
fenanthrenchinony, **208, 209**
fenazin, **185**
fenchan, **4, 5**
fenchol, **19**
fenchon, **39, 40**
fenol, **76**
fenoly, **63, 75-78**
- chlorované, **560, 561**
fenoxazin, **185**
fenugriny, **281**
fenylacetaldehyd, **23, 36**
fenylethanol, **13-15, 23**
fenylethyl-acetát, **65**
fenylethylamin, **317-319, 320-324**
fenylethylisothiokyanát, **296**
fenylfenol, **351, 352**
fenylhydraziny, **331-333**
fenylkumariny viz neoflavonoidy
fenylmočoviny, **533**
fenylpropanal viz dihydrocinnamaldehyd
feoforbidy, **171, 173, 176**
feofytiny, **171-176**
feomelaniny, **177, 178**
ferulaldehyd viz koniferaldehyd
feruloyltyramin, **87**
ferulylalkohol viz koniferylalkohol
Ficus, **191, 307, 309**
- *carica*, **191, 309**
filberton, **3, 38**
Filipendula ulmaria, **202**
fisetin, **202**
flavan, **186**
flavandioly viz leukoanthokyanidiny
flavanoly viz katechiny
flavanonoly, **187, 188, 200**
flavanony, **187, 188, 199, 299, 374**
flaviny, **185**
Flavobacterium aurantiacum, **480**
flavolany viz trísloviny kondenzované
flavonoidy, **136, 186, 187, 234, 242, 297, 369**
flavonolignany, **304**
flavonoly, **187, 188, 194, 201, 238, 239, 299**
flavony, **187, 188, 200**

flavoxanthin, 225
flobafeny, **193**
florelin, **204, 206**
floridzin, 193, **204, 206**
florin, 205
floroglucinoly, 136, **144, 147, 205**
fluoranthin, **432, 434, 435, 440, 443**
fluoren, **431, 434, 435, 436**
Foeniculum vulgare, 121
foliaxanthin viz violaxanthin
Fomes fomentarius, 211
forbol, **23, 24**
formaldehyd, **31, 45, 46, 86, 288, 294**
formamidy, **87**
formononetin, **298-299, 300, 306**
Fragaria, 105, 191, 213
- *ananassa*, 105
fraseol viz aldehyd jahodový
fraxidin, **307, 308**
fraxin, **308**
Fraxinus excelsior, 308
ftaláty, **563-568, 588**
ftalidy, **69, 72-73**
ftalimidy, **533**
Fugu, 343
fukoxanthin, **219, 220**
fulvin, **264**
fumonisiny, 458, **473, 474**
furan, **416-422, 587**
furaneol, 37, **89, 99**
furankarbaldehyd, 25, 36, 45, 46, **89**
furanokumariny, **209, 307, 308**
- angulární viz angeliciny
- lineární viz psoraleny
furanony, **89, 90**
furanoterpenoidy, **357**
furanthioly viz merkaptofurany
furany, **89, 90**
furfurylalkohol, 25
fusarenon, 458, **468, 469**
fusarin, 458, **475**
Fusarium, 304, 357, 458, 460, 468, 469, 471, 473-475
- *acuminatum*, 458, 469
- *anthophilum*, 458
- *avenaceum*, 458
- *cerealis*, 471
- *crookwellense*, 458
- *culmorum*, 458, 469, 471
- *equiseti*, 471
- *graminearum*, 458, 469, 471
- *chlamydosporium*, 458
- *langsethii*, 469
- *moniliformis*, 473-475
- *oxysporum*, 458

- *poae*, 458, 469
- *proliferatum*, 473
- *sambucinum*, 458
- *semitectum*, 458, 471
- *solani*, 357
- *sporotrichioides*, 458, 469
- *tricinctum*, 458
- *verticillioides*, 458
fykobiliproteiny viz fykobilliny
fykobilliny, **164, 176**
fykoerythrin, **176**
fykoerythrobilliny, **177**
fykokyaniny, **176**
fykokyanobilliny, **177**
fyllodulcin, **310, 375**
fyllokaktin, **180, 181**
fyscion viz parietin
fyscionin, **213**
fytadieny, 174
fytin, **250, 251**
fytoen, **216, 217, 218, 222, 228, 234**
fytoestrogeny, **298, 304, 306**
fytofluen, **216, 217, 222**
fytohemaglutininy viz lektiny
fytol, **23, 171, 172, 176**
fytolakkanin viz betanin
fytuberin, **357**

G

galaktolipidy, 172
galaktosa, 189, 190, **274**
galaktosidy, **252**
galangin, **202**
galbanolen, **122, 123**
galláty, **154, 156, 242, 360, 364, 365**
gallokatechiny, **154, 155**
gallotanniny, **150, 151, 211, 238**
Gambierdiscus toxicus, 343
gambierol, **343, 344**
gambiertoxy viz ciguatoxy
Garcinia gummi-gutta, 57
- *mangostana*, 57, 205
Gardenia jasminoides, 225, 234
gardenosid, **234**
gardosid, **234**
genciopikrin viz swertiamarin
genciopikrosid viz swertiamarin
geniposid, **234**
Genista, 265
genistein, **298-299, 306, 306**
genistin, 144, **298-299**
Gentiana lutea, 141, 205
gentisein, **205, 206**
gentisin, **205, 206**
geosmin, **3, 21, 22, 23**

- geranial, **35**
geraniin, **152, 153**
geraniol, **18, 19**
geranyl-acetát, **65**
geranylaceton, **228**
germakran, **142**
germakreny, **6, 8, 22, 139**
Giardia intestinalis, **255**
Gibberella zeae, **469**
gibberelliny, **8, 23, 318, 323, 534**
gingeroly, **159, 160, 367**
Ginkgo biloba, **201**
gitogenin, **279-281**
Gloecercospora sorghi, **288**
Gluconobacter, **114**
glukoalyssin, **290**
glukoaubrietin, **290**
glukobarbarin, **290, 293**
glukoberteroin, **290**
glukobrassicin, **290, 293**
glukobrassikanapin, **74, 160, 290, 292**
glukoerucin, **290**
glukoerysolin, **290**
glukogallin, **151**
glukocheirolin, **290**
glukochlearin, **290**
glukoiberin, **108, 290**
glukoibervirin, **108, 290**
glukokapparin, **290, 291**
glukolimnantin, **290**
glukonapin, **74, 160, 290, 292**
glukonapoleiferin, **290**
glukonasturtiin, **290, 296**
glukonát železnatý, **379**
glukonolakton, **379**
glukoputranjivin, **290**
glukorafanin, **290, 296**
glukorafasatin, **161, 290**
glukorafenin, **290**
glukosibarin, **290**
glukosinoláty, **74, 84, 160, 251, 289-297, 355, 358**
glukotropaeolin, **290, 291, 296**
glukovanillin, **36, 37**
glutathion, **178, 256, 317, 360, 370, 421**
glyceolliny, **301, 355**
glyceramid, **416**
Glyceria, **285**
- *aquatica*, **285**
glycerol, **13, 25-27, 47**
glycidamid, **416**
glycidol, **427, 429, 430**
Glycine max, **144, 250, 277, 298, 301, 313, 355, 366**
glycitein, **298-299**
glycitin, **298-299**
Glycyrrhiza glabra, **73, 200, 277, 279, 375, 583**
glycyrrhizin, **279, 375**
glykoalkaloidy, **258, 586**
- steroidní, **258**
- terpenoidní viz g. steroidní
glykoly, **25**
glykosidy kyanogenní, **138, 282, 283**
- pseudokyanogenní, **282, 288**
GMP, **381, 382**
goitrin, **140, 144, 293, 295**
gomfreniny, **179-181**
Gonepterix, **185**
gonyautoxiny, **336, 337**
Gossypium, **7, 202, 235**
- *hirsutum*, **7, 235**
gossypol, **7, 235-237**
gosypetin, **202**
gosypitrin, **203**
gramin, **86, 266, 317, 323, 324, 325**
grandinin, **153, 155**
grasshopperketon, **230, 232, 233**
graveolon, **309, 310**
grekuniny, **281**
Grossularia uva-crispa, **191**
guajakoly, **76-78, 366**
guajan, **139, 142**
guajanolidy, **211**
Gymnodinium breve, **342**
Gymnodium, **337**
gymnopilen, **334, 335**
gymnopilin, **334, 335**
Gymnopilus spectabilis, **334**
gymnoprenol, **334, 335**
Gymnothorax javanicus, **343**
Gynocardia, **285**
gynokardin, **283-285**
Gyromitra esculenta, **326, 331**
gyromitrin, **331-333**
- ## H
- Hafnia alvei*, **321**
Haliotis sieboldii, **321**
Hansenula, **349**
hastanecin, **262**
HBCD, **512, 521**
HBCDD viz HBCD
HCB, **536**
Hebeloma spoliatum, **334**
- *vinosophylum*, **334**
hebevinosidy, **334, 335**
hederagenin, **278, 279**
Helianthus annuus, **222**
- *tuberosus*, **307**
heliosupin, **264**

- heliotridin, **262, 264**
heliotrin, **264**
Heliotropeum europeum, 264
heliotropin viz piperonal
hem, **164, 165, 169**
hematin, **165, 169**
hemiarin, **307, 308**
hemigossypol, **235**
hemin, **165**
hemiterpen(oid)y, **2**
hemoglobin, **164, 165, 166, 167, 168**
hemy viz barviva hemová
heptanol, **11, 14**
heptanon, **38**
Heracleum mantegazzianum, 311
herbacetin, **202**
herbacitrin, 203
hernandulcin, **22, 23, 375**
hesperetin, **199, 200**
hesperidin, **199, 203**
hesperidinchalkon, 203
heteroauxin viz kyselina indolyloctová
heterobianthrony, **214**
heterodendrin, **283-285**
heteroxanthin, **270**
hexabromcyklododekan viz HBCD
hexahydrokurkumin, **367**
hexachlorbenzen viz HCB
hexachlorcyklohexan viz HCH
hexamethylentetramin, 45, 351
hexanal, **16, 33, 159**
hexanol, **11, 14, 15, 65**
hexenal, **16, 33**
hexenol, **16**
HCH, **564**
Hibiscus sabdariffa, 57, 192
Hierochloe borealis, 73, 372
- *odorata*, 73, 372
hirsutidin, **189**
hispidol, **206**
hispidulin, **200, 201**
histamin, **317-319, 320-325**
histidin, 168, 181
holokalin, **284-386**
hololektiny, **312**
Homarus gammarus, 226
homoarginin, **315, 316**
homobianthrony, **213**
homocitrullin, **315**
homocysteamin, **86**
homodihydrokapsaiciny, **268**
homoferreirin, **355**
homofuraneol, **89**
homokapsaiciny, **268**
homopahutoxin, **347**
hordatiny, **322, 323**
hordenin, 317, **318, 320, 322**
Hordeum, 284, 313, 366
- *vulgare*, 313, 366
hormony, **551, 559**
hotrienol, **18-21**
hulupony, **146, 147**
humulen, **6, 8**
humulony, **144, 145**
Humulus lupulus, 144
Hyacinthus orientalis, 24
Hydrangea macrophylla, 310, 375
hydrangenol, **310**
hydrastin, **183, 184**
Hydrastis canadensis, 183
hydrochinon, **209, 366**
hydrojuglon, **211**
hydroxamáty, 304
hydroxyaceton viz acetol
hydroxyarginin, 4-, **315**
hydroxybenzaldehydy, 286
hydroxybenzylisothiokyanát, **161**
hydroxybutenal, **418**
hydroxycyklocitral, 144
hydroxyfenylbutanon viz keton malinový
hydroxyflavany viz flavan-3-oly
hydroxyglukobrassicin, **290**
hydroxyjonony, **229-231**
hydroxykoniferaldehyd, **24, 36**
hydroxykumariny, **534**
hydroxykyseliny, **52-57**
hydroxylinalool, **21**
hydroxylubimin, **357**
hydroxylupanin, **265, 266**
hydroxymethylfurankarbaldehyd, 36, 407
hydroxymethylindol, **293, 294, 296, 297**
hydroxymethyloxiran viz glycidol
hydroxynonenal, 407
hydroxypentanon, **25, 40, 41**
hydroxypyron viz kyselina isopyrosilizová
hydroxytyrosol, **14, 15, 23, 137**
hygroauriny, **182**
Hygrocybe, 181, 182
Hylocereus polyrhizus, 181
Hypechusa, 256
hyperflorin, 147
hypericin, **213, 372, 373, 584**
Hypericum perforatum, 147, 213, 306, 583
hyperin, **202**
hyperosid viz hyperin
Hypholoma fasciculare, 326
hypoglycin, **316**

CH
Chaetomium, 458, 460

- chakoniny, **273, 274, 276**
 chakotriosa, **273, 274**
 chalkony, **187, 188, 203, 299**
Chamaecytisus, 265
 chavicin, **261**
 chavikol, **76**
Chenopodium quinoa, 277, 278
 chimerolektiny, **312**
 chinidin, **267**
 chinin, 136, 140, **266-268, 271, 372, 373, 380, 586**
 chinochalkony, 195, **203**
 chinolin, **94, 266, 267**
 chinolizidin, **265**
 chinolony, **552**
 chinony, **208, 209, 239, 240, 241, 243**
 chinoxaliny, **95, 98**
 chinuklidiny, **267**
 chirikitoxin, **342, 343**
 chlor, **389**
 chloraminy, **389**
 chlordusík, **390**
Chlorella, 174
 chlorethanol, **353**
 chlorgalaktosacharosa viz sukralosa
 chlorid sodný, **354, 389**
 chloroform, **529, 530**
 chlorofylidy, **171, 172, 174, 175**
 chlorofylin, 173
 chlorofyly, **170-176**
 chlorogenin, **279, 280**
Chlorophyllum molybdites, 326
 chlorpropandioly, 414, 415, **422-426, 587**
 chlorpropanoly, **353, 422-431**
 chlortryptofan, **375**
 cholanthren, **432**
 cholemyoglobin, 170
 cholestan, **271**
 cholin, 86, 144, 347
Chondria armata, 345
 chrom, 481, **574**
 chromen, **186**
 chryaron, **213**
 chrysen, **432, 434, 435, 437, 438, 440**
 chrysin, **201**
 chrysoeriol, 200, **201**
 chrysofanein, **213**
 chrysofanol, **213**
- I**
- idaein, **190**
 ichangin, **137**
 ichthyotoxiny viz toxiny ryb
Illex paraguayensis, 270
Illicium verum, 121
 illudiny, **333, 335**
 imidazoly, **93**
 imidazopyrazindiony, **408**
 IMP, **381, 382**
 imperatorin, **308, 309**
 indandiony, **534**
 indany, **148, 149**
 inden, **433**
 indenopyren, **432, 434, 435, 437, 438**
 indigo, 177, **178, 179**
Indigofera hendecaphylla, 315
 - *tinctoria*, 178
 indigokarmin, 178
 indikan, **178, 179**
 indikaxanthin, **181**
 indirubin, **178, 179**
 indol, **92**
 indoly, **358**
 indolylacetamid, 294
 indolylethanol, **323, 324**
 indolyliothiokyanát, **293**
 indospicin, **315, 316**
 indoxylyl, **178**
Inocybe, 326, 330
 - *patouillardii*, 326
 ipomeamaron, **357**
 ipomeanin, **357**
 ipomeanoly, **357**
Ipomoea batatas, 192, 241, 357
 - *violacea*, 476
 IQ, **409-411**
 iridan, **234**
 iridoidy, 141, **234**
Isatis tinctoria, 178
 islanditoxin, 458
 isoalliin, 140, **161, 162**
 isoalloxazin, **185**
 isoamaranthin, 181
 isoamygdalin, **287**
 isobarbaloin viz aloiny
 isobergapten, **308, 309**
 isobetanidin, **179, 180**
 isobetanin, 181
 isobornylan, **4, 5**
 isobutrin, **203**
 isoestragol viz anethol
 isoeugenol, **76-78, 366**
 isoflavanony, **355**
 isoflavany, 355
 isoflavonoidy, **188, 297, 298-299, 307**
 isoflavony, 144, **188, 205, 297, 298-300, 306, 355**
 isohumulony, 79, 136, **144, 146**
 isohypericin, **213**
 isochavicin, **261**

isochinolin, **94**
isochromeny, **207**
isoimperatorin, **308, 309**
isoindigo, **178, 179**
isoindirubin, **178, 179**
isokamfan, **4, 5**
isokarthamidin, **203**
isokarthamin, **203**
isokumariny, **307, 310, 375**
isokvercitrin, **202**
isokyanáty, **454**
isolikviritigenin, **195, 203, 204**
isolupanin, **265**
isomaltol, **89**
isomenthol, **18, 19, 123**
isomenthon, **39, 40**
isonitrososloučeniny viz oximy
isoorientin, **201**
isopimpinellin, **308, 309**
isopiperin, **261**
isopiperitenol, **18, 19**
isoprebetanin, **179, 180**
isopren, **2**
isoprenoidy, **2**
isoretronekanol, **262**
isorhamnetin, **202**
isorosmanol, **368, 369**
isosafrol, **29, 30, 372, 373**
isosakuranetin, **200**
isosalipurpol viz naringeninchalkon
isosorbid, **395**
isotheaflaviny, **244**
isothiokyanáty, **82-84, 108, 109, 160, 251, 292, 293, 295, 355**
isouramil, **256**
isovanillin, **122, 123**
isovitexin, **201**
isowighteon, **300**
isoxanthohumol, **299**
izotopy radioaktivní viz radionuklidy

J

jamogenin, **280, 281**
Jania, **337**
jantaráty, **382**
Jasminum grandiflorum, **38**
jasmolín, **530**
jasmon, **38**
jasmonoidy, **38**
jatrorrhizin, **183, 184**
jod, **251, 289, 295, 574**
jodičnany, **389**
jodinín, **185**
jonoly, **232, 233**
jonony, **38, 230, 231**

Juglans regia, **211**
juglon, **211, 212**
jukkagenin, **280, 281**
Juniperus, **285**
- *communis*, **121**

K

kadalan, **7**
kadaverin, **317-319, 320-323, 325**
kadineny, **6, 8, 235**
kadmium, **481, 586**
kafestal, **23**
kafestol, **8, 23, 24**
kaffeiciny, **239**
kaffeoylalkohol, **24**
kaffeoylchinolaktony, **66, 148, 149**
kaffeylaldehyd, **36**
kafr, **39, 40**
kahweal, **23**
kahweofuran, **90, 91**
kahweol, **8, 23, 24**
kalycin, **210, 211**
kamfan, **4, 5**
kamfen, **5, 6**
kanadin, **183**
kanavanin, **315, 316**
kandicin, **322**
kanthaxanthin, **226, 227**
kapsensinidin, **189**
kapsaicin, **88, 268-269, 351, 584**
kapsaicinoidy, **88, 159, 258, 268-269, 357**
kapsaicinol, **88, 268, 269**
kapsanthin, **219, 221, 222-224, 228**
kapsanthon, **219, 221, 224, 228**
kapsidiol, **22, 23, 357**
kapsochrom, **219, 221**
kapsolutein, **222**
kapsorubin, **219, 221, 222, 224**
karan, **4, 5**
karbamáty, **532, 533**
karbamoyl-fosfát, **455**
karbazoly, **296, 297**
karboliny, **324**
karbonylhemoglobin, **167**
karbonylmyoglobin, **167**
karboxyakrolein, **349**
karen, **5, 6**
karmin, **215**
karnosin, **370**
karnosol, **9, 142, 143, 368**
karotatoxin, **357-358**
karoteny, **216-219, 221-223, 225-229, 232, 233, 296**
karotenoidy, **216, 222**
karotenoproteiny, **222, 226**

- karthamidin, 203
 karthamin, 225, **203**, **204**
 karthemon viz karthamin
 karvakrol, **76**, 366
 karveol, 10, **18**, **19**
 karvomenthenol viz terpinenol
 karvony, **3**, 10, 18, **39**, **40**, **123**, **124**
 karyofyllenoxid, **28**
 karyofylleny, **7**, **8**
 kasben, **8**
 kassumunariny, **368**
 kassumuniny, **367**
 kastalagin, **152**, **153**
 kasuariktin, **152**, **153**
 katechiny, 136, **154**, **155**, **187**, **188**, 193, 194,
 211, 238, 239, 242, 243
 katecholaminy, **317**, **318**
 kauren, **8**, **9**, 142
 kavain, **72**
 kavalaktony, **72**
 kavapyrony viz kavalaktony
 kemferol, **202**
 kerakyanin, **190**
Kermes illicis, 215
 kermes, **215**
Kermococcus vermilis, 215
 ketidy, 208, 457
 ketiminy, 88
 keton kočičí, **80**
 - malinový, **3**, **40**
 ketony, **37-41**
 - alicyklické, **37**, **38**
 - alifatické, **37**, **38**
 - aromatické, **40**
 - terpenové, **38-40**
 kieviton, **300**
 klaviny, **476**
Klebsiella pneumoniae, 25, 321
 klejoprskyřice, **127**
 knicin, **142**
 kofein, 136, 148, **270**, 271, **380**, **586**
 kohumulon, **144**
 kolumbamin, **183**, **184**
 kolupulon, **144**
 kommersonin, **273**, **274**
 kommertetraosa, **274**
 koniferaldehyd, 36
 koniferylalkohol, **24**, 77, 302, 304
 kontaminanty viz látky kontaminující
 konvicin, **256**
 koprin, **329**, **330**
 koreopsin, **203**
 koriandrol viz linalool
 korilagin, **152**
 kornosid, **209**
 kortinariny, **328**, 331
 košenila, **215**
 kotinin, **260**
 kreatininoxim, **452**, **453**
 kresoly, 77
 krocetin, **221**, **225**, 234
 krocín, **225**, 234
 krotanecín, **262**
 krotocin, **468**, **469**
 krotonaldehyd, **32**, 45, 349
 krotonolakton, **69**
 krustakyanin, **226**
 kryptokapsin, **219**, **221**, 222, 224
 kryptoxanthiny, **218**, **219**, 222-224, 228
 kukurbitaciny, **139**, **140**, 334
 kumaraldehyd, 36
 kumarin, **73**, **74**, **126**, 372, 373, 584
 kumariny, **69**, **72**, **73**, 139, 297, **306-311**
 kumarylalkohol, **24**
 kumestrol, **300**, **301**, 306
 kuminaldehyd, **36**
 kurkumen, **6**, **8**, 39
 kurkumin, 36, **207**, 367
 kurkuminoidy, **207**, **367**
 kvassin, 136, **143**, 372, 373, 530, 584
 kvassinoidy, 136, **143**, **530**
 kvercetin, **202**, 239
 kvercimeritrin, **202**, 203
 kvercitrin, **202**
 kyanáty, **454**, **455**
 kyanidin, **188**, **189**, 192-194
 kyanidy viz kyanodůk
 kyanoalanin, 283, 288, **314**
 kyanoalkoholy, estery, **289**
 kyanoepithioalkany, 74
 kyanoethylisoxazolinon, **314**
 kyanogeny, **282-289**
 kyanohemoglobin, **167**
 kyanohydroxyepithioalkany, 74
 kyanolipidy, **282**, **289**
 kyanomyoglobin, **167**
 kyanodůk, 282, 285-289, 372, 373, 454, 584
 kyselina abietová, 9
 - abscisová, 323
 - acetocetová, **58**
 - acetomléčná, **25**
 - adipová, **51**, **52**
 - agaricinová, 57, 334, 372, 373, 584
 - agarová viz k. agaricinová
 - akonitová, **52**, **62**, **63**
 - amanullová, **327**
 - aminoakrylová viz dehydroalanin
 - aminokrotonová viz dehydrobutyrin
 - aminomáselná, 330, 352
 - amygdalinová, **287**

- angelová, **50, 263, 277**
- anisová, **59**
- askorbová, **51, 170, 293, 295, 296, 351, 360, 362, 378, 420, 444, 448**
- asparagusová, **111, 112**
- atromentová, **210, 211**
- azelaová, **51**
- benzoová, **36, 45, 59, 60, 287, 349, 444**
- betalamová, **180, 181, 182, 183**
- betulinová, **369**
- boritá, **354**
- ceroalbolinová, **215**
- cichorová, **68**
- citrajablečná, **53, 56**
- citraková, **52, 62**
- citronová, **52, 56-58, 62, 63, 351, 378**
- cyklopiazonová, **458, 466, 467**
- čekanková viz k. cichorová
- daktyliferová, **67, 238**
- dehydrooctová, **350, 351, 378**
- demethylenolová,
- deoxyloganová, **137**
- diaminomásečná, **289, 314, 316**
- diaminopropionová, **314, 316**
- digallová, **151**
- dihydroxymaleinová, **62, 63**
- dichlorstearová, **390**
- dioxovinná, **62, 63**
- domoová, **336, 340-342**
- dženkolová, **315, 317**
- echimidinová, **263**
- elenolová, **137**
- ellagová, **151, 152, 239**
- eruková, **291, 586**
- erythorbová, **360, 362**
- erytharová viz k. vinná
- ethylendiamintetraoctová, **378, 379**
- fenylglycidyllová, **129**
- fenylloctová, **59, 60**
- fenylpropionová, **59, 60**
- ferulová, **60, 65, 68, 77, 78**
- formylglyoxylová, **62, 63**
- fumarová, **52, 53, 56, 351**
- furankarboxylová, **45, 46**
- fytolakkagenová, **279**
- fytová, **250**
- gallová, **59, 60, 238, 239, 362**
- galloylepitheaflovinná, **243**
- garciniová, **57**
- geniposidová, **235**
- gentisová, **59, 60, 68**
- gibberellová, **534**
- glutamová, **180, 380**
- glutarová, **51, 52**
- glycyrrhetinová viz k. glycyrrhetová
- glycyrrhetová, **279, 280, 375**
- glycyrrhizová viz k. glycyrrhetová
- glykolová, **46, 53**
- glyoxylová, **57, 58**
- gypsogenová, **278, 279**
- heliotrová, **263**
- hexadecylcitronová viz k. agaricinová
- hexahydroxybifenylová, **151, 239**
- hydroxybenzoová, **59, 60, 68, 350, 366**
- hydroxycitronová viz k. garciniová
- chinová, **56, 58, 65**
- chlorhydroxystearová, **390**
- chlorogenová, **66, 67, 238, 239, 357, 367**
- chlorovodíková, **378**
- chrysanthemová, **530**
- ibišková, **57**
- ibotenová, **180, 328-330**
- indolymléčná, **323**
- indolyloctová, **294, 318, 323**
- isoaskorbová, **420**
- isocitronová, **56, 57**
- isochlorogenová, **66, 67**
- isokyanatá, **455**
- isomásečná, **49**
- isopyroslizová, **71, 72**
- isovalerová, **46**
- itaková, **52, 62**
- jablečná, **25, 53, 56, 58, 351, 378**
- jantarová, **51, 52, 56, 58, 378**
- kaffeoyl-jablečná, **67**
- kaffeoyl-vinná, **68**
- kaftarová viz k. kaffeoyl-vinná
- kaprinová, **49**
- kapronová, **49**
- kaprylová, **49, 378**
- karminová, **215**
- karnosová, **8, 142, 143, 368**
- kávová, **60, 65, 68, 78, 239**
- kermesová, **215**
- korková, **51, 52**
- krotonová, **50**
- kryptochlorogenová, **66, 67**
- kumarová, **60, 65, 68, 78, 307**
- kumaroyl-chinová, **66**
- kumaroyl-vinná, **68**
- kutarová viz k. kumaroyl-vinná
- kvillajaková, **279**
- kyanatá, **455**
- lariková viz k. agaricinová
- lasiokarpová, **263**
- levulová, **58**
- limonová, **136, 137**
- lipoová, **360, 370**
- lithospermová, **67**
- lysergová, **476**

- maleinová, **52**
 - malonová, **51, 52**
 - mandlová, **287**
 - medikagenová, **278, 279**
 - melilotová, **73, 74**
 - mesakonová, **52**
 - metavinná, **62, 379**
 - methylencyklopropyloctová, **317**
 - methylfumarová viz k. mesakonová
 - methyljablečná, **53**
 - methylmaleinová viz k. citrakonová
 - mléčná, **46, 53-55, 58, 351, 378, 396**
 - močová, **184**
 - mravenčí, **45-47, 48, 49, 350**
 - neochlorogenová, **66, 67**
 - nikotinová, **260**
 - nitrofuranylakrylová, **351**
 - nitrothiazolidinkarboxylová, **446, 450**
 - nomilinová, **137**
 - nordihydroguajaretová, **302**
 - octová, **25, 45, 49, 350, 378**
 - okadajová, **336-339**
 - oleanolová, **278, 279, 280, 369**
 - oxaloctová, **58**
 - oxalová viz k. šťavelová
 - oxojantarová, **62**
 - oxomáselná, **54, 58**
 - oxovalerová, **58**
 - oxovinná, **62, 63**
 - parasorbová, **71, 72, 138**
 - penicillová, **457, 458, 467, 468**
 - perfluoroktanová viz PFOA
 - pimelová, **51, 52**
 - piperová, **261**
 - polyporová, **210**
 - prolithospermová, **67**
 - propionová, **49-50, 351, 378**
 - protokatechuová, **59, 60, 68, 238**
 - pulvová, **210, 211**
 - pyrethrinová, **530**
 - pyrohroznová, **53, 58, 62, 63**
 - pyroibotenová viz muscimol
 - rosmarinová, **66, 67, 367**
 - salicylová, **59, 60, 68, 351, 366**
 - salvianolová viz k. lithospermová
 - sarracinová, **263**
 - seneciová, **263**
 - seneciová, **50, 263**
 - sinapová, **60, 68, 144, 239**
 - sinapoyl-jablečná, **67**
 - skořicová, **24, 36, 60, 68, 445**
 - sorbová, **9, 50, 51, 71, 138, 349, 350**
 - stizolobová, **180**
 - syringová, **59, 60, 68, 78**
 - šikimová, **58**
 - šťavelová, **51, 52, 56, 250**
 - tartronová, **62, 63**
 - tenuazonová, **477**
 - thiodipropionová, **360**
 - thomasidiová, **239**
 - threarová viz k. vinná
 - threonová, **51**
 - tiglová, **50, 263**
 - trachelanthová, **263**
 - tricholomová, **329, 330**
 - ursolová, **369**
 - valerová, **49**
 - vanillová, **59, 60, 68**
 - vanilloyl-vinná, **68**
 - variegatová, **210, 211**
 - veratrová, **59**
 - vinná, **51, 55, 56, 62, 63, 351, 378**
 - viridiflorová, **263263**
 - vulpinová, **210**
 - zanhová, **278, 279**
- kyseliny, **48-64**
- akromelové, **329, 330**
 - alicyklické, **58**
 - alifatické monokarboxylové, **48-51**
 - antiisohořké viz antiisohumulony
 - aromatické, **59-60**
 - cinnamoylanthranilové, **88**
 - dehydrohumulinové, **145, 146**
 - diferuloyl-chinové, **66**
 - dikaffeoyl-chinové, **66**
 - dikarboxylové, **51, 52**
 - dikumaroyl-chinové, **66**
 - dimethoxycinnamoyl-chinové, **66**
 - dithiokarbamové, **84**
 - epitheafavinové, **211, 243**
 - fascikulové, **334**
 - fenolové, **193, 194, 238, 239, 297**
 - fenoxalkanové, **533**
 - feruloyl-chinové, **66**
 - fosfatidové, **394**
 - hořké viz humulony
 - huminové, **178**
 - humulinové, **146, 147**
 - chlormastné, **390**
 - chlorogenové, **65, 66, 148, 193, 194**
 - isodomoové, **341**
 - isohořké viz isohumulony
 - kaffeoyl-chinové, **66**
 - karboxylové nižší, **49-51, 61**
 - lakkaové, **215, 216**
 - necinové, **261**
 - pikolinové, **533**
 - pulvové, **210**
 - pyridinoxykarboxylové, **533**
 - skořicové, **65, 239**

- thiokarbamové, **84**
 - trikarboxylové, **51, 52**
 - triterpenové, 369
 - zaragozové, **335**
- L**
- Laburnum*, 265
- Laccifera lacca*, 215
- Lactobacillus*, 25, 53, 247, 316, 321, 349, 351
- *acidophilus*, 321
 - *arabinosae*, 321
 - *brevis*, 25, 53
 - *buchneri*, 25, 321
 - *bulgaricus*, 321
 - *casei*, 321
 - *plantarum*, 321
- Lactococcus*, 53, 247
- *lactis*, 53
- Lactuca sativa*, 68, 139, 223
- laktaldehyd, **25, 40**
- laktáty, **394, 379**
- laktidy, **62**
- lakton vinný, **70**
- laktony, **62, 69-72**
- laktosa, **255**
- laktucin, **139, 211**
- laktukaxanthin, **219, 223, 230**
- laktukopikrin, **139**
- lanceal, **35**
- lanceol, **21, 22**
- lariciresinol, **302-304, 306**
- laricitrin, **202**
- Larrea tridentata*, 302
- lasiokarpin, **264, 264**
- lathyrogeny, 289, **314, 315**
- Lathyrus*, 256, 283, 314
- *cicera*, 314
 - *clymenum*, 314
 - *hirsutus*, 314
 - *latifolius*, 314
 - *odoratus*, 314
 - *ochrus*, 314
 - *pussilus*, 314
 - *roseus*, 314
 - *sativus*, 314
 - *sylvestris*, 314
- látky adhezní, **399, 400**
- aditivní viz aditiva
 - antimikrobní, **348-360**
 - antinutriční, **247**
 - antithyreoidní, 559
 - aromatické, **2, 126, 127, 371, 569, 582**
 - bioaktivní, **247**
 - estrogenní viz estrogeny
 - fototoxické, **306**
 - hořké, **135, 371, 379**
 - chuťové, **1, 129, 371**
 - k úpravě povrchu, **399, 400**
 - kontaminující, **247, 405, 407, 560-570, 584-591**
 - kyselé, **134, 135**
 - minerální, **574, 586, 587**
 - pálivé, **158**
 - pěnotvorné, **400, 401**
 - pomocné, **399, 400, 570**
 - povzbuzující, 371, **379**
 - pro formulaci výrobků, **399**
 - protispěkové, **400, 401**
 - přídatné viz aditiva
 - senzoricky aktivní, **1**
 - sladké, **130-134**
 - slané, **131-133**
 - toxické, **247, 252**
 - trpké, **150**
 - tvořící zákaly, **400, 401**
 - umami, **135**
 - upravující texturu,
 - uvolňující, **401**
 - vonné, **1-129, 371**
 - vyvolávající alergie, **252-254**
 - vyvolávající intoleranci, **252, 254**
 - vyvolávající neimunologické odezvy, **255**
 - vyvolávající nesnášenlivost, **252, 254**
 - znečišťující viz kontaminanty
 - zpevňující, **399**
 - zvyšující biologickou hodnotu, **397**
 - želírující, **390, 391**
- Laurus nobilis*, 122
- Lavandula*, 18, 21
- *angustifolia*, 21
- lavandulol, **19, 21**
- lawson, **211, 212**
- Lawsonia inermis*, 211
- leaianafulven, **333, 334**
- lecithin, **392**
- léčiva veterinární, **551-559, 590, 591**
- lektiny, 250, **311-313**
- Lens culinaris*, 277, 313
- lenthionin, 120
- Lentinula edodes*, 120
- Lepidium sativum*, 291
- leptinidiny, **274, 275**
- leptininy, **273, 274**
- leptiny, **273-275**
- Leucaena*, 315, 316
- *esculenta*, 315
 - *leucocephala*, 316
- Leuconostoc*, 25, 53, 247, 321, 351
- *mesenteroides*, 321
- Leucosinapis alba*, 68, 74, 84, 160, 290, 291

- leukoanthokyanidiny, **156, 187, 188**
 leukodelfinidin, **156**
 leukokyanidin, **156**
 leukopelargonidin, **156**
 leukopterin, **184, 185**
Levisticum officinale, 72, 121
 lignanolidy, **302**
 lignany, 239, 297, **298, 301-304, 367**
 lignany cyklické viz cyklolignany
 lignin, 24, 76, 77
 ligstrosid, **137, 138**
Ligularia clivorum, 264
 ligustilid, **73**
 likareol viz linalool
 likviritigenin, **200**
 likviritin, **200**
 lilagenin, **280, 281**
 liliakaldehydy viz aldehydy šeríkové
 limettin, **307, 308**
 limocitrin, **200, 201**
 limonen, **5, 6, 10, 18, 35, 123, 124**
 limonin, **136, 137**
 limonoidy, **136, 137**
 linalool, **18-21, 123, 124**
 linalooloxydy, 18, **20, 21, 28, 29**
 linamarin, **283-286**
Linum, 285
 - *usitatissimum*, 283
 linustatin, **283-286**
 lipidy kyanogenní viz kyanolipidy
 lipostichaeriny, **345**
 liquiritigenin, 298
Listeria monocytogenes, 481
Litchi chinensis, 81, 191
Litsea cubeba, 35
 loganin, **141**
Lonchocarpus nicou, 530
 - *urucu*, 530
 - *utilis*, 530
Lophophora williamsii, 323
Lophozozymus, 345
 lotaustralin, **283-286**
Lotus, 285
 - *corniculatus*, 283
 lubimin, **357**
 lucernol, **301**
Lucuma, 284, 285
 lugangetin, **310**
 lukumin, **284, 285, 287**
 lupanin, **265, 266**
 lupeol, **277**
 lupinin, **265, 266**
Lupinus, 265, 355
 - *albus*, 265, 266
 - *angustifolius*, 265, 266
 - *luteus*, 265, 266
 - *mutabilis*, 265, 266
 lupiwighteon, **300**
 luputriony, **146**
 lutein, **219, 222-224, 226, 229**
 lutein, 5,6-epoxy- viz flavoxanthin
 luteinioxid viz taraxanthin
 luteolin, **200, 201**
 luteolinidin, **189, 190**
 luteon, **300**
 luteoxanthiny, **219, 220, 222, 224**
Lycopersicon esculentum, 313
 lykopen, **216, 217, 218, 222, 223, 225, 227, 228**
 lykotetraosa, **274**
 lysozym, 348, 351, **352**
Lysteria monocytogenes, 349, 350
- M**
 maackiain, **301, 355**
 maggilakton viz abhexon
Mahonia aquifolium, 183
 maitotoxin, **344, 345**
 malformin, 458
 malondialdehyd, **33, 41, 407**
 maltol, **90, 91**
Malus, 204, 284
 - *domestica*, 148
 - *pumila*, 104, 191
Malva, 188
 malvidin, **188, 189, 192**
 malvin, **190**
Mangifera indica, 191, 205
 mangiferin, **205, 206**
 mangostin, **205, 206**
Manihot, 283, 285
 - *esculenta*, 283
 marein, **203, 204**
 matairesinol, **302-304, 306**
Mathurina, 285
Matricaria chamomilla, 21
 MAU viz uhlovodíky monocyklické aromatické
 mazadla, **401**
 MCPD viz chlorpropandioly
 měď, 481, **586**
Medicago sativa, 278, 281, 301
 medikarpin, **301**
Megasphaera, 114
 megastigman, **228, 229**
 MeIQ, **409-411**
 MeIQx, **409-411**
 mekokyanin, **190**
Melaleuca alternifolia, 18
 melaniny, **177, 181, 318**
 melanogeny, 178
 melatonin, **318, 320**

- Melica*, 285
Melichtys vidua, 345
melilotin, **73, 74**
melilotosid viz melilotin
Melilotus, 73, 372
- *officinalis*, 372
Mentha, 5, 39, 121, 123, 126, 200, 372
- *crispa*, 126, 200, 372
- *logifolia*, 39
- *piperita*, 121, 126, 372
- *pulegium*, 39, 126, 372
- *spicata*, 121
menthadieny, **5**
menthan, **4**
menthanolony, **122**
menthatrien, **21**
menthenthionol, **80, 120, 122, 124**
menthofuran, 18, **28**, 584
menthol, **18, 19, 35, 123, 124**
menthon, 18, **39, 40**
Menyanthes trifoliata, 141
Mercenaria mercenaria, 336
merkaptaly viz thioacetaly
merkaptan ananasový, **81**
- černého rybízu, **80**
merkaptany viz thioly
merkaptalkanony, **98**
merkaptofurany, **90, 91, 98, 124**
merkaptohexanol, **14**, 65
merkaptohexyl-acetát, 65
merkaptothiofeny, **98**
merkaptalkoholy, **13**
merolektiny, **311**
mesityloxid, 45
meskalin, **323, 324**
methanol, **11, 12**, 137, 288, 374, **586**
methemoglobin, **165, 168**
methional, **13, 32, 81**
methioninsulfoximin, **390**
methionol, **13, 81**
methoxygingerol, **367**
methoxyglukobrassicin
methoxychinolin, **267**
methoxymellein, **140, 310**
methylanabasin, **259**
methylarbutin, **209**
methylazoxymethanol, **282, 288**
methylbutenthionol, **79**
methylcysteinsulfoxid, **315, 317**
methylekvol, **306**
methylenchlorid viz dichlormethan
methyleugenol, **29, 30, 126**, 584
methylfeoforbidy, **171, 173, 175, 176**
methylglyoxal, **25, 40, 41**, 46
methylgramin, **323, 324**
methylhydantoinoxim, **452, 453**
methylhydrazin, 332
methylchavikol viz estragol
methylchrysen, **433, 438**
methylindol viz skatol
methylisborneol, **19, 21**
methylkafestol, **23**
methylketony, **37, 234**
methylinamarin viz lotaustralin
methylmerkaptimidazol, **559**
methyloxiran, 31, **353**
methylputrescin, 320
methylsulfanylbutylisothiokyanát viz sulforafan
methylthiobutenylisothiokyanát, **161**
methylthio-estery, **81**
methylthioethanal, **32**
methylthiopropenal viz methional
methylthiopropylamin, **86**
methylthiouracil, **559**
methysticin, **72**
metmyoglobin, **165, 166, 168, 169**
metmyoglobinnitrit, 169
Micrococcus, 349
miltiron, **368, 369**
Mimosa, 316
mimosin, **316, 317**
mimosinamin, 317
Mirabilis jalapa, 181
mirakulin, **383**
miraxanthiny, **180, 181**
Mitilus edulis, 336
močoviny, 379, **533**
monascidin viz citrinin
monascin, **207**
Monascus, 208, 457
Monascus purpureus, 208
monaskorubin, **207, 208**
monaskorubramin, **208**
monaskus viz červeň monasková
monellin, **375**
moniliformin, 458, **474, 475**
monoacetoxyscirpenol, 458, **468**
monoacylglyceroly, **393**
monokrotalin, **264**
monoterpen(oid)y, **2-6**
morfoliny, **533**
Morganella morganii, 321
morin, **202**
Morus, 191, 202, 307
- *alba*, 202
- *nigra*, 191
mosesiny, **346**
Mucor racemosus, 349
multiflorin, **265, 266**
Musa x paradisiaca, 107, 313

- *sapientum*, 191
- muscimol, **328-330**
- muskaflavin, **182**
- muskapurpurin, **182**
- muskarin, **330**, 333
- muskarufin, **210**
- muskauriny, **180**, **181**
- muskazon, 329
- mutageny IQ, **408**
 - non-IQ, **408**
- mutatochrom, **219**, **220**, 222
- mutatoxanthiny, **219**, **220**, 222, 224
- muurolely, **7**, **8**
- Mycena laevigata*, 333
- Mycobacterium tuberculosis*, 350
- mykoestrogeny, **298**, **304**
- mykotoxiny, **456-480**, 553, **585**
 - tremorgenní, 458
- myoglobin, **164-167**, **169**, **170**
- myosmin, **260**
- myrcen, **4**, **6**
- myricetin, **202**, 369
- Myristica fragrans*, 121, 372, 583
- myristicin, **29**, **30**, **126**, **357**
- Myrocarpus frondosus*, 21
- Myrothecium*, 468
 - *roridum*, 468
 - *verrucaria*, 468
- Myroxylon balsamum*, 24, 127
- myrtillin, **190**
- Mytilus edulis*, 340, 341

- N**
- Naematoloma fasciculare*, 334
 - *sublateritium*, 334
- naftaleny, 230, 235, 434, 439, 442
- naftochinony, **208**, **209**, **211**, 235
- napoleiferin, 293
- narcissin, **202**
- naringenin, 195, **199**, **200**, 203, 298
- naringeninchalkon, 195, 203
- naringin, 136, **199**, 374
- naringindihydrochalkon, 374
- narirutin, **199**
- natamycin, **352**
- neciny, **261**
- neoamygdalin, **287**
- neobetanidin, **179**, **180**
- neoflavonoidy, **188**, **307**, **310**
- neofytadien, 174
- neogitogenin, **280**
- neoglukobrassicin, **290**
- neohesperidin, **199**, 374
- neohesperidindihydrochalkon, 205, 374
- neohesperidosa, **274**, 374
- neoisomenthol, **18**, **19**, 123
- neokarotenoidy, **222**
- neolignany, **301**
- neolinustatin, **283-286**
- neomenthol, **18**, **19**, 123
- neosaxitoxin, **336**
- neosolaniol, **468**
- neotheaflaviny, 244
- neotigogenin, **280**, **281**
- neoxanthin, **219**, **220**, 222-224, 232
- nepetin, **200**, **201**
- neral, **3**, **35**
- nerol, **18**, **19**
- nerolidoly, **21**, **22**
- neroloxid, **28**, **29**
- neryl-acetát, **65**
- neurosporen, **216**, **217**, 222
- Nicotiana*, 357
 - *glauca*, 529
 - *rustica*, 259
 - *tabacum*, 259
- nikotellin, **259**
- nikotin, **259**, **260**, 529
- nikotyryl, **259**
- nisin, **351-352**
- nitrily, **73**, **74**, 283, 287, **292**
- nitrobarviva, **383**
- nitrofluoranthén, **442**, **443**
- nitrofluoren, 441
- nitronaftalen, 441
- nitropyren, 441, **442**
- nitrosamidy, **445**, **451**, 452
- nitrosaminy, 261, **445**, **446**, 448-452, **587**
- nitrosoagmatin, **451**
- nitrosoanabasin, **451**
- nitrosoanatabin, **451**
- nitrosocystein, **451**, **452**
- nitrosodiethylamin, **446**
- nitrosodimethylamin, **446**, **449**
- nitrosoguanidin, **449-451**
- nitrosohydroxyprolin, **446**, **449**
- nitrosomorfolin, **449**, **451**
- nitrosomyoglobin viz nitroxymyoglobin
- nitrosomyochromogen viz nitroxyhemochrom
- nitrosonornikotin, **451**
- nitrosopiperidin, **446**, **449**, **451**
- nitrosoprolin, **446**, **449**, **450**
- nitrosopyrrolidin, **446**, **449**, **450**
- nitrososarkosin, **449**
- nitrososloučeniny, **445-453**
- nitrosovinylloxazolidinon, **451**
- nitrosylhemochrom viz nitroxyhemochrom
- nitrosylmyoglobin viz nitroxymyoglobin
- nitroxyhemochrom, **170**
- nitroxymetmyoglobin, 169

nitroxymyoglobin, **169, 170**
 NIV viz nivalenol
 nivalenol, 458, **468-470**
 nobiletin, **200, 201**
Nocardia, 497
Nolanea verna, 326
 nomilin, **137**
 nonadienal, **3, 16**
 nonadridy, 458
 nonalaktony, **69, 70**
 nonanon, **38**
 nootkatol, 11, **21, 22, 39**
 nootkaton, 7, 11, 21, **39, 40, 123, 124**
Nopalea, 215
 - *coccinellifera*, 215
 noradrenalin viz norepinefrin
 norathyriol, **205, 206**
 norbaeocystin, **331**
 norbixin, **224**
 nordihydrokapsaiciny, **268-269**
 norepinefrin, **318-320**
 norfuraneol, **89, 99**
 norkarotenoidy, **228**
 nornikotin, **259**
 nortetrodotoxiny, **342, 343**
 nukleotidy purinové, **380**

O

ocimeny, **4, 6**
Ocimum basilicum, 121
Octopus, 318
 oenidin viz malvidin
 oenin, **190**
Oenococcus, 25
 - *oeni*, 25, 456
 officinalisiny, **280**
 ochratoxiny, 457, 458, **464-466**
 okanin, **204**
 oktaacetylsacharosa, **380, 382**
 oktabromfenyltrimethylindan viz Br Indan
 oktadienol, **17**
 oktadienon, **38, 124**
 oktachlorbornany, **536**
 oktanal, 33, **159**
 oktanol, **14, 17**
 oktenol, **3, 17, 18, 123, 124**
 oktenon, **17, 18, 38**
 oktopamin, **318, 319**
Olea europea, 60, 191, 209, 366
 oleamid, 269
 oleje etherické viz silice
 olejoprskyřice, **127, 128**
 oleokanthal, **137, 138**
 oleoresiny viz olejoprskyřice
 oleosidy, **137, 138**

oleuropein, **137, 138, 149, 209**
 oligosulfidy, **80**
 olovo, 481, **586**
 ommochromy, 186
 ononin, **298-299**
 oosporein, **210**
Opuntia, 181, 215
 - *ficus-indica*, 181
 orcein, **186**
 orellanin, **330, 331, 333**
 orellin, **331**
 orellinin, **331, 333**
 organofosfáty, **533, 552, 556**
Orchella, 186
 orchil viz barviva orceinová
 orientin, **201**
Origanum majorana, 121, 209
 - *vulgare*, 67, 121
Oryza sativa, 103, 313, 366
Oscillatoria spongelliae, 518
 osladin, **375, 376**
 osthenol, **308**
 osthol, **308**
Ostracion lentiginosus, 347
 OTA viz ochratoxin A
 otonecin, **262**
 ovothiol, 370
 oxanthron, **212**
 oxathiany, **91, 97**
 oxazolidinthiony viz goitrin
 oxazoliny, **95, 304**
 oxazoly, **95**
 oxedrin viz synefrin
 oxid dusnatý, **169, 170**
 oxid chloričitý, **389**
 oxid siřičitý, 348, 349, **353-354**
 oximy, **452**
 oxiran, 31, **353**
 oxoisoforon, **233**
 oxokyseliny, **57-58**
 oxotetrodotoxin, **342, 343**
 oxyakanthin, **183, 184**
 oxyhemoglobin, 165
 oxymyoglobin, **165, 168, 169, 170**
 oxynikotyl, **259**
 oxypeucedanin, **308, 309**
 oxytheotanniny, **244**

P

Paeonia, 188
 pahutoxin, **347**
 palmatin, **183, 184**
 palmidin, **214**
Palythoa toxica, 345
 palytoxin, **336, 345, 346**

- Panax schinseng*, 282
Paneolus, 331
Pangium, 285
 pantherin viz kyselina ibotenová
 pantolakton, 70
 parabeny viz kyselina hydroxybenzoová, estery
 paraxanthin, **270**
Pardachirus marmoratus, 346
 - *pavoninus*, 346
 pardaxin, 346
 parietin, **213, 214**
 passiedulin, **283-285**
Passiflora, 285
 - *edulis*, 14, 91, 191
 passikoriacin, **284, 285**
Patinopecten yessoensis, 338
 patulin, 457, 458, **465, 466**
 PAU viz uhlovodíky polycyklické
 paulin, 458
Paullinia cupana, 271
 pavonininy, **347**
 paxillin, **478**
Paxillus, 210
 - *involutus*, 326
 PBB, **512-520**
 PBDD, **518, 520**
 PBDE, **513-520**
 PCB, **488-504, 553, 584**
 PCDD, **504-511, 584**
 PCDF, **504-511, 584**
 PCP, **536, 564**
Pectinatus, 114
Pediococcus, 25, 53, 114, 321, 351
 - *acidilactici*, 53
 pedunkulagin, **152, 153**
 pektenotoxiny, **338**
 pelargonidin, **188, 189, 192**
Pelargonium, 18, 188
 - *graveolens*, 18
Penicillium, 38, 349, 351, 458, 460, 464-467
 - *aethiopicum*, 458
 - *aurantiogriseum*, 458, 467
 - *brasilianum*, 458
 - *camemberti*, 458, 466
 - *citreonigrum*, 458
 - *citreoviride*, 467
 - *citrinum*, 458, 467
 - *commune*, 458, 466
 - *crateriforme*, 458
 - *crustosum*, 458
 - *expansum*, 465
 - *griseofulvum*, 458, 466
 - *chrysogenum*, 458
 - *nordicum*, 464
 - *patulinum*, 465
 - *purpurescens*, 458
 - *roqueforti*, 38, 349, 458, 466
 - *simplissimum*, 458
 - *verrucosum*, 464, 467
 pentadien, **349, 350**
 pentachlorfenol viz PCP
 pentandiol, **25**
 pentandion, **25, 40, 41**
 pentanoly, **11, 13, 14, 16**
 pentanon, **38**
 peonidin, **188, 189, 192, 194**
 perfluoralkoholy, **523**
 perfluoralkylakryláty, **523**
 perfluoralkylmethakryláty, **523**
 perfluoralkylsulfonamidy, **523**
 perfluoralkylsulfonáty, **523**
 perfluoroktansulfonát viz PFOS
 perhydroazepinon, **87**
 perchlorethylen viz tetrachlorethylen
Perilla frutescens, 6
 perillaldehyd, **375**
 perillaloxim, 374, **375, 376**
 perillartin viz perillaldehydoxim
 perillylaldehyd, 18, **35**
 perillylalkohol, **18, 19, 35**
 peroxid vodíku, **389, 392**
 peroxykyseliny, 45, 46
Persea americana, 138
Persica, 104, 191, 284
 - *vulgaris*, 104, 191
 peruviol viz nerolidol
 perylen, **433**
 pesticidy, **529-551, 553, 589, 590**
 petanin, **190, 191**
Petasites hybridus, 263
Petroselinum hortense, 72, 109
Petunia, 188
 petunidin, **188, 189, 192**
 PFOA, **523**
 PFOS, **523**
Phalaris, 325
Phaseolus, 249, 277, 283, 285, 301, 313, 356
 - *acutifolius*, 313
 - *aureus*, 277
 - *coccineus*, 313
 - *lunatus*, 249, 283, 313
 - *vulgaris*, 249, 277, 301, 313, 356
 PhIP, **409, 411**
Pholiota squarrosa, 329
Phomopsis citri, 148
Phyla dulcis, 22, 375
Phyllocactus hybridus, 181
Physeter catodon, 232
Phytolacca americana, 180
 piceatannol, **356**

- piceid, **356**
Pieris, 185
pigmenty viz barviva
Pichia membranefaciens, 349
pikrokrocin, **143, 233**
pikrosalvin viz karnosol
pimaricin viz natamycin
Pimenta dioica, 121
- *officinalis*, 583
Pimpinella anisum, 121
pimpinellin, **308, 309**
pinan, **4, 5**
pineny, **5, 6**
pinobanksin, **201**
pinocembrin, **200**
pinoresinol, **302-304**
pinosylvin, **356**
Pinus silvestris, 297
Piper methysticum, 72
- *nigrum*, 87, 121, 159, 260
piperanin, **261**
piperaziny, **533**
piperettin, **261**
piperidin, **258-261**
piperidon, **87**
piperin, **159, 261, 351**
piperitol, **302, 303**
piperoleiny, **261**
piperonal, **36, 37, 122, 123**
piperylin, **261**
Pirus, 284
pisatin, **301, 356**
Pistacia lentiscus, 127
Pisum, 144, 250, 256, 277, 301, 313, 356
- *sativum*, 144, 250, 277, 301, 313, 356
platynecin, **262**
Plectranthus frutescens, 35
- - *scutellarioides*, 35
Pleurotus japonicus, 333
plumbagin, **211, 212**
Plumbago europaea, 211
Pluteus, 331
polyacetyleny, **357-358**
polyaminy, **317**
polyglyceroly, **393**
polyketidy, 195, 207, 209, 212, 215
polyolefiny, 561
polyoly, **25**
Polypodium vulgare, 375
Polyporus, 210
polyterpen(oid)y, **3**
polyvinylpyrrolidon, **403**
poncirin, **199**
populnin, **202**
porfyriny viz barviva porfyrinová
Portulaca grandiflora, 181
portulaxanthin, **180, 181**
posthumulon, **144**
postlupulon, **144**
Potentilla erecta, 153
prebetanin, **179, 180**
prehumulon, **144**
prekarthamin, **203, 204**
prelupulon, **144**
premuscimol viz kyselina ibotenová
prenylalkohol, **79**
prenylflavonoidy, 297, **298-300**
prenylnaringenin, **299**
primeverosa, 283-285
proakacipetalin viz akacipetalin
proamanullin, **327**
proanthokyanidiny, **154, 156-158**
probenzimidazoly, **552**
Procentrum lima, 338
profaloin, **327**
progesteron, 558
progoitrin, 74, 140, **290, 292, 295**
prokyanidiny, 136, 193, 239
propandioly, **25**
propanolamin, **86**
propanoly chlorované viz chlorpropanoly
propanoly, **11, 13-15**
propargylglycin, **328, 329**
propenamid viz akrylamid
Propionibacterium, 50, 247, 321
- *freudenreichii*, 50
propylenoxid viz methyloxiran
Proteus mirabilis, 321
- *vulgaris*, 321
protoalkaloidy, **257**
Protoceratium reticulatum, 338
protohem, 164
protochlorofylid, 172
Protoberberinum, 339
protoporfyrin, **164, 165, 171, 174**
provitaminy A, 216, 219, 227
prulaurasin, **287**
prunasin, 138, **283-287**
prunin, **200**
Prunus, 104, 155, 191, 200, 284, 285, 372
- *domestica*, 104, 191, 372
- *persica*, 191
- *spinosa*, 155, 191
prvky stopové, **551**
- toxické, **481**
pryskyřice, **127, 144**
- chmelové, **144**
přiboudlina, **13**
pseudoalkaloidy, **257**
pseudohypericin, **213**

- pseudojonon, **228**
Pseudomonas, 185, 321, 349, 350, 496
 - *aeruginosa*, 350
Pseudonitzschia, 340
 psilocin, 323, **331**, 333
Psilocybe, 331
 - *baeocystis*, 331
 - *mexicana*, 331
 psilocybin, 323, **331**, 333
 psoraleny, **307-309**
 pteridin, **184**, **185**
 pteriny, **184**, **185**
Pterocarpus santalinus, 205
 pterokarpany, 297, **298**, **300**, **301**, **355**
 pterokarpeny, **301**
 pulegon, 18, **28**, **39**, **40**, **126**, 372, 373, 584
 pulchellidin, **189**
 pulmatin, **213**
 pulvinamid, 210
 pulvolakton, **210**, **211**
Punica granatum, 191, 298
 puriny, **184**, **270**
 purpurin, **212**, **213**
 purpurogalliny, **211**
 putrescin, **317-325**
 pyokyanin, **185**
Pyracantha coccinea, 200
 pyrankanthosid, **200**
 pyranokumariny, **307**, **310**
 pyrany, **90**, **91**
 pyraziny, **94-96**, **124**
 pyren, **432**, **434**, 435, 436, **437**, 440, 442
 pyrethrin, **530**
 pyrethroidy, **530**, **532**, **552**, 556
Pyrethrum, 530
 - *carneum*, 530
 - *cinerariaefolium*, 530
 pyridazinony, **533**
 pyridin, **94**, **258**, **259**
 pyridinony, **533**
 pyridiny, **93**, **94**
 pyridoimidazoly, **408**
 pyridoindoly, **408**
 pyrimidiny, **533**
Pyrodinium, 337
 pyrofeoforbidy, **171**, 173
 pyrofeofytiny, **171**, **172**
 pyrokatecholy, 77
 pyrosid, **209**
 pyrrolidin, **258**, **259**
 pyrrolizidin, **261**
 pyrroly, **92**, **93**
- Q**
Quassia amara, 143, 372, 530
Quercus alba, 152
 - *petraea*, 152
 - *robur*, 152
Quillaja saponaria, 277 278
- R**
 radionuklidy, 481, **483-488**
Raphanus sativus, 109, 160, 161, 192, 291
Rawsonia, 285
 rebaudiosidy, **375**
 rejnoutrin, **202**
 resinoidy, **127**
 resupony, **145**, **146**
 resveratrol, **356**
 retinoidy, **216**
 retinol, 23, 216, 221
 retronecin, **262**, **264**
 rhamnetein, **202**
Rhamnus, 213
 - *cathartica*, 263
 rhaponticin, **356**
 rhapontigenin, **356**
 rhein, **213**, 313
Rheum pulmatum, 213
 - *rhabarbarum*, 213
 - *rhaponticum*, 213
 - *undulatum*, 213, 356
Rhizopus, 321, 349, 350, 480
 - *nigricans*, 349, 350
 - *oligosporus*, 321
 rhodanidy viz thiokyanáty
Rhodococcus vitis-idaea, 152, 191, 209
Rhodophyllus rhodopolius, 326
Rhodotorula, 12, 49
 - *glacilis*, 12
Ribes, 105, 191, 209
 - *nigrum*, 105, 191
 - *silvestre*, 191
 riboflavin, 185
 ricinin, **283**
Ricinus communis, 283, 313
 rishitin, **357**
 robinetin, **202**, 369
 roburin, **153**, **155**
Roccella, 186
 - *tinctoria*, 186
 rokvefortin, 458, **466**, **467**
 roridin, **468**
Rosa damascena, 18, 20
 roseoxid, **28**, **29**
 rosinidin, **189**
 rosmanol, **142**, **143**
 rosmaricin viz kyselina karnosová
Rosmarinum officinalis, 9, 67, 121, 366, 368
 rosmarynecin, **262**

- rotenoidy, **530**
rotenon, **530**
ruban, **266, 267**
ruberthyrin, **212**
Rubia tinctorum, 212
rubratoxiny, 458
rubropunktamin, **208**
rubropunktatin, **207, 208**
Rubus, 191
- *idaeus*, 105, 191
Russula emetica, 326
Ruta graveolens, 122
rutin, **202, 203**
- S**
sabinan viz thujan
sabinen, **5, 6**
sabinenhydrát, **19**
Saccharomyces bayanus, 349, 350
- *carlsbergensis*, 112
- *cerevisiae*, 12, 112, 115, 350, 354, 455, 456, 466
- *uvarum*, 112
safranal, **225, 232**
safrol, **29, 30, 126, 372, 373, 584**
sacharin, **374, 375, 376**
sakuranetin, **200**
sakuranin, **199, 200**
salicylaldehyd, 366
salidroside, **209**
Salmonella, 350, 481
- *enteritidis*, 481
- *typhimurium*, 481
- *typhosa*, 350
salsalinol, **318, 319**
Salvia, 21, 67, 121, 125, 366, 368, 372
- *miltiorrhiza*, 67, 368
- *officinalis*, 67, 121, 125, 366, 368, 372
Sambucus, 18, 191, 203, 284, 285, 313, 372
- *nigra*, 18, 191, 203, 284, 313, 372
sambunigrin, **283-287**
santaliny, **205, 206, 310**
santalol, **21, 22**
Santalum album, 8, 21
santokin, **365, 366**
santonin, **126, 142, 372, 373**
sapogeniny viz sapogenoly
sapogenoly, **276**
saponiny, 144, 148, **276-282**
- steroidní, **279**
- triterpenoidní, **277**
sarsapogenin, **281**
Sassafras albidum, 29
sativol, **301**
satratoxiny, **468**
saxitoxiny, **336-338**
Sclerotinia sclerotiorum, 310
Scomber japonicus, 167
Secale cereale, 313, 366
sedanenolid, **73**
sedanolid, **73**
sekoiridoidy, **137, 141, 234**
sekoisolariciresinol, **302-304, 306**
sekologanin, **141**
selinan viz eudesman
selinen, **6, 8**
senecifyllin, **264**
Senecio jacobaea, 264
senecionin, **264**
Senna alexandrina, 213
sennosidy, **313**
Sepia officinalis, 178
serinol, **428**
serotin, **318**
serotonin, **318, 320, 322**
sesamin, **302, 303**
sesamol, **302, 303**
sesamolin, **302, 303**
sesamolinal, **302, 303**
Sesamum indicum, 302, 366
seskviterpen(oid)y, **2, 6-8**
sesterterpen(oid)y, **3**
sfondin, **308, 309**
sherylakton, **70**
Shewanella alga, 343
Shigella sonnei, 481
shogaoly, **159, 160, 367**
schaftosid, **201**
silibinin viz silybin
silice, **127-129**
silybin, **304**
Silybum marianum, 304
sinalbin, 74, 84, 85, 161, 251, **290**
sinapiny, **68, 144**
sinapoylderiváty, **68, 69, 87**
sinapylaldehyd, 36
sinapylalkohol, **24**
sinensaly, **35**
sinigrin, 74, **160, 251, 290, 292**
sirouhlík, **84**
siřičitany, **353-354**
skatol, **92, 316, 394**
skimmin, **307**
skoparon, **307, 308**
skopoletin, 139, **307, 308**
skopolin, **307**
skutellarein, **201**
sloučeniny amoniové, **533, 534**
- antimikrobní, **551**
- antiparazitární, **551, 552**

- bipyridylioové, **533, 534**
 - dikarbonylové, **40, 41**
 - dinitro-, **532, 533**
 - heterocyklické, **88-97**
 - hydroxykarbonylové, **25, 40, 41**
 - karbonylové, **31-47**
 - kyanogenní viz kyanogeny
 - organocínové, **532**
 - organofosforové, **532**
 - organochlorové, **532, 535, 536**
 - -, perzistentní, **488**
 - organortuťnaté, **533**
 - perfluoralkylované, **523-528**
 - sirné, **79**
 - nitroso- viz nitrososloučeniny
 - smilagenin, **281**
 - sojasapogenoly, **277-279**
 - sojasaponiny, **144, 277, 278**
 - solabiosa, **274**
 - solamargin, **274**
 - solamariny, **273, 274**
 - solanidan, **272**
 - solanidenon, **276**
 - solanidin, **272, 274**
 - solanin, **273, 274, 276**
 - solanthren, **276**
 - Solanum*, **109, 192, 271, 313, 357**
 - *berthaultii*, **274**
 - *demissum*, **274**
 - *chacoense*, **274**
 - *lycopersicum*, **109, 271, 357**
 - *melongena*, **192, 271, 357**
 - *tuberosum*, **192, 271, 313, 357**
 - *vernei*, **274**
 - solasodin, **272, 274**
 - solasonin, **274**
 - solatriosa, **273, 274**
 - soleron, **70**
 - solonon, **38**
 - Sophora*, **265**
 - sorbitany, **349, 394, 395**
 - Sorbus*, **71, 138, 284**
 - *aucuparia*, **71, 138**
 - Sordaria*, **458, 460**
 - Sorghum*, **285**
 - *bicolor*, **285**
 - sotolon, **37, 70, 71, 99**
 - spartein, **265, 266**
 - spermidin, **318, 320, 322, 324, 325**
 - spermin, **318, 320, 322, 324, 325**
 - Spinacea oleracea*, **277, 278**
 - spiraecin, **202**
 - spiraeosid viz spiraecin
 - spirobrassinin, **358**
 - spirosolan, **272**
 - Stachybotrys*, **468**
 - *atra*, **468**
 - Staphylococcus*, **321, 350, 481**
 - *aureus*, **350, 481**
 - *xylosus*, **321**
 - sterigmatocystin, **457, 458, 464, 465**
 - sterkobillin, **164**
 - Stevia rebaudiana*, **9, 376**
 - steviol, **376**
 - steviolbiosid, **375**
 - steviosid, **9, 297, 375, 376**
 - stigmasterol, **441**
 - Stichaeus grigorjewi*, **345**
 - stilbeny, **36, 297, 305, 355, 356**
 - stimulátory růstu, **559**
 - Streptomyces*, **185, 352**
 - *natalensis*, **352**
 - Streptococcus*, **25, 53, 321, 349, 351, 352**
 - *cremoris*, **351**
 - *diacetylactis*, **25**
 - *faecium*, **321**
 - *lactis*, **53, 352**
 - *mitis*, **321**
 - strumigeny viz látky antithyreoidní
 - styren, **10, 444, 445**
 - styrylpyrony, **72**
 - suberin, **284, 285**
 - Suillus*, **210**
 - sukralosa, **374, 375**
 - sulfan, **43, 44, 79, 82, 170**
 - sulfidy, **80, 82**
 - sulfmetmyoglobin, **170**
 - sulfmyoglobin, **170**
 - sulfonamidy, **552**
 - sulfonylmočoviny, **533**
 - sulforafan, **296**
 - sulfuretin, **205, 206**
 - supinidin, **262**
 - swerosid, **141**
 - swertiamarin viz swertiamarosid
 - swertiamarosid, **141**
 - symfytin, **264**
 - sympatol viz synefrin
 - Symphytum officinale*, **263**
 - synefrin, **318-320**
 - Synsepalum dulcificum*, **383**
 - syringetin, **202**
 - syringoly, **76, 77**
- T**
- Tanacetum vulgare*, **125, 372**
 - tangeretin, **200, 201**
 - tanniny, **150, 188, 238, 239-241, 252, 297**
 - hydrolyzovatelné, **150**
 - kondenzované, **150**

- Taractogenes*, 285
taraktofyllin, **284, 285**
Taraktogenos, 285
taraxanthin, **219, 220**
tartráty, **394**
taxadien, **8**
taxifolin, **200, 201, 304**
taxifyllin, **283-287**
Taxus, 285
- *baccata*, 8, 285
TBBPA, **512, 520**
TBHQ, 361, 362, **364, 365**
tellimagrandiny, **152, 153**
tennecetin viz natamycin
TEPP, 530
terfenylchinony, **210**
terpenoidy, **2, 368**
terpeny, **2**
terpinenol, **18, 19**
terpiny, **5, 6**
terpineoly, **18, 19, 120, 122**
testosteron, 558
tetrabrombisfenol viz TBBPA
tetraethyl-pyrofosfát viz TEPP
tetraethylthiuramdisulfid viz disulfiram
tetrafylliny, **284, 285**
tetrahydroberberin viz kanadin
tetrahydrokurkumin, **367**
tetrahydroporfyriny, **171**
tetrachlorethylen, **528-530**
tetrachlorfenol, **561**
Tetraodon, 343
Tetrapathaea, 285
tetraterpen(oid)y, **3**
tetrodotoxin, **336, 342, 343, 345**
Teucrium, 23
- *chamaedrys*, 23
- *polium*, 23
teuflin, **23, 24**
teukrin, **23, 24, 584**
teukvin, **23, 243**
teuskorol, **23, 24**
thalin viz thaumatin, **376**
Thamnidium elegans, 472
thaumatin, 375, **376**
Thaumatococcus danielli, 376
theacitriny, **244**
theaflaviny, 211, 243, **244**
theafulviny, 244
theanin, 148
thearubiginy, 243, **244**
theasapogenoly, 148, **279, 280**
theaspirany, **231, 232**
theaspiron, **230, 231**
Theobroma cacao, 118, 270
theobromin, **270, 271**
theofyllin, **270, 271**
Thermopsis, 265
thiabendazol, 348, 351, **352**
thiazoliny, **97, 99**
thiazoly, **96, 97-99**
thienothiofeny, **92**
thioacetyly, 43
thiofentioly viz merkaptothiofeny
thiofeny, **91, 92, 110, 111**
thioglukosidy viz glukosinoláty
thiokarbamáty, **533**
thioketaly, 43
thiokyanáty, **83, 84, 251, 288, 292, 293, 295, 482**
thioly, 43, **79, 82, 98**
thiomočoviny, **84, 534, 559**
thiopropanaloxid, **110, 111**
thiopropansulfoxid, **83, 140**
thiosulfínáty, **81-83**
thujan, **4, 5**
thujanol viz sabinenhydrát
thujen viz sabinen
thujony, **39, 40, 125, 142, 372, 373, 584**
Thunnus orientalis, 167
thymol, **76, 366, 368**
Thymus vulgaris, 4, 67, 122, 366, 368
thyroxin, 295, 559
tigogenin, **280, 281**
tokoferoly, 172, 296, 360
toluen, 10, **444**
tomatidenol, **272-274**
tomatidin, **272-274**
tomatin, **274-276**
toxin F-2 viz zearalenon
- HT-2, 458, **468**
- PR, 467
- T-2, 458, **468, 470**
toxiny, **252, 257**
- amnestické, **340**
- bakteriální, **480, 481**
- diarrhoteické, **338, 339**
- HS, **334, 335**
- hub, **325-335**
- mikroorganismů, **456**
- mořských živočichů, **336**
- neurotoxické, **342**
- ryb, **342**
trachyfyllin, **310**
trenbolon, **559**
triaziny, 43-45, **534**
triazoly, **534**
tricetin, **200, 201**
tricitinidin, **189**
triethoxypropan, 47
triethyl-citrát, 379

- trifenylen, **432**
Trifolium, 283, 285, 299
 - *pratense*, 299
 - *repens*, 283
Triglochin, 285
 - *palustre*, 285
 triglochinin, **283-285**
Trigonella foenum-graecum, 281
 trigonellin, 93, **270, 271**
 trichloramin viz chlodusík
 trichloranisol, **124**
 trichlorethylen, **528-530**
 trichlorfenol, **560**
 trichlormethan viz chloroform
Trichoderma, 468
 trichodermin, **468**
Tricholoma muscarium, 329
 - *sejunctum*, 326
 - *sulphureum*, 326
Trichosporon beigllii, 321
 trichotheceny, **468-471**
 trichothecin, **469**
 trijodothyronin, 295
 trimethylamin, **86**
 trimethylaminoxid, **86**
 trioxsalen, **309**
 triterpen(oid)y, **3**
Triticum aestivum, 313, 366
 - *durum*, 255
 - *polonicum*, 255
 - *spelta*, 255
 Trolox, **365, 366**
 tropathian, **97, 98**
 tropeosidy, **280**
 tropolon, **211**
 tropon, **210, 211**
 troponoidy, **210**
Trypanosoma, 184
 tryptamin, **317, 318**, 320, 322, 323
 tryptofol, **13-15, 23**
 třísloviny viz tanniny
Tuber brumale, 119
 - *magnatum*, 119
Turbina corymbosa, 476
 turmeron, **39, 40**
Tussilago farfara, 263
 tylosin, **552**
 tyramin, **87, 317-325**
 tyrosol, **13-15, 23**, 137
- U**
 uhlovodíky, **3-11**
 - chlorované, **535, 536**
 - -, alifatické, **528-529**
 - monocyklické, **443-**
 - polycyklické, **431-443, 585**
 - -, deriváty, **442**
 - terpenové, **3-9**
 umbellatin viz berberin
 umbelliferon, 139, **307, 308**
 undekalaktony, **70**
 undekanony, **38, 122**
 uracily, **533**
 urethan viz ethyl-karbamát
 urobilin, 164
 urotropin viz hexamethylentetramin
- V**
Vaccinium myrtillus, 58, 191, 202
 - *corymbosum*, 58
 valencen, **6, 8**, 11, 39
Vanilla planifolia, 36
 vanillin, **3, 36, 37, 48, 77, 78, 122, 123**
 vanillylamidy viz kapsaicinoidy, **258**
 variegatin, **210**
 variegatorubin, 210
 veratrol, **29, 30**
Verbascum sinuatum, 60
 verbaskosid, **60, 61**
 verdochrom, 170
 verrukarin A, **468, 469**
Verticimonosporium, 468
 veskalagin, **152, 153**
Vespula, 185
Vibrio cholerae, 481
 - *parahaemolyticus*, 481
Vicia, 256, 283, 285, 313, 314, 316
 - *faba*, 256, 313, 316
 - *sativa*, 284
 vicianin, **284-286**
 vicianosa, 283-285
 vicin, **256**
Vigna, 249
 viniferiny, **356**
 vinylbenzen viz styren
 vinylguajakol, **77, 78**
 violaxanthin, **219, 220**, 222-224, 229
 viroidin, **328**
 viroisin, **328**
 virotoxiny, **326, 327**
 virucidy, **532**
 vitaminy, **551, 574**
 vitexin, **201**
Vitis labrusca, 65, 192
 - *riparia*, 192
 - *rupestris*, 192
 - *vinifera*, 7, 65, 192, 356
 vitispirany, **231, 233**
 volkenin, **284, 285**
 vomitoxin viz deoxynivalenol

vulgaxanthiny, **180, 181**

W

Wasabia japonica, 160

whiskylakton, **70**

wighteon, **300**

X

xanthiletin, **310**

xanthin, **184, 270**

xanthofyly, 172, **216, 218, 222-224, 229**

xanthogalenol, **299**

xanthohumol, **299**

xanthommatin, **186**

xanthony, **205, 206**

xanthopterin, **184, 185**

Xanthoria, 213

xanthotoxin, **308, 309**

xanthoxyletin, **310**

xenoestrogeny, **298, 305**

XMP, **381, 382**

xylosa, 189

Y

Yersinia enterocolitica, 481

yessotoxin, **338, 339**

Ypsiscarus ovifrons, 345

Z

Zea mays, 192

zeakaroteny, **216, 218**

zearalanol, **559**

zearalenol, **471, 472, 559**

zearalenon, **304, 457, 458, 471, 472, 559**

zeaxanthin, 143, **219, 222-226, 229**

zeinoxanthin viz kryptoxanthin, α -

zierin, **284, 285**

zinek, **586**

zingeron, **159, 160, 367**

Zingiber, 122, 159, 207, 366-368

- *montanum*, 368

- *officinale*, 122, 159, 366, 367

zingiberen, **6, 8**

Zygosaccharomyces, 349

Zymomonas mobilis, 12

Ž

železo, 165, 166, 169, 481, **586**

žluť safflorová, **203, 204**