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aleuritic acid 528  
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anethole 137  
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lactose 310  
limonene 364  
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aleuritic acid 531  
amygdalin 331  
anethole 138  
betulinic acid 492  
brazileine 233  
caffeine 33  
capsanthin 278  
chamazulene 163  
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 lactose 308  
 lawsone 197  
 limonene 364  
 menthol 378  
 nicotine 11  
 onocerin 433  
 patchouli alcohol 416  
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 cnicin 457  
 curcumin 218  
 cytosine 81  
 eugenol 151  
 galanthamine 101  
 glucosamine 301  
 hesperidin 354, 355  
 indigo 258  
 lactose 317  
 lawsone 205  
 limonene 371  
 menthol 386  
 nicotine 22  
 onocerin 441  
 patchouli alcohol 425  
 piperine 63  
 shikimic acid 517  
 strychnine 126  
 tetrahydrocannabinol 186  
 theobromine 51  
 thujones 407

Molecular model

abietic acid 471  
 aleuritic acid 530  
 amygdalin 329  
 anethole 139  
 betulinic acid 497  
 brazileine 231  
 capsanthin 277  
 caffeine 36  
 chamazulene 165  
 cnicin 456  
 curcumin 217  
 cytosine 79  
 eugenol 150  
 galanthamine 98  
 glucosamine 295  
 hesperidin 352  
 indigo 256  
 lactose 312  
 lawsone 200  
 limonene 369  
 menthol 385  
 nicotine 18  
 onocerin 435  
 patchouli alcohol 424

piperine 62  
shikimic acid 514  
strychnine 122  
tetrahydrocannabinol 181  
theobromine 49  
 $\alpha$ -thujone 405  
 $\beta$ -thujone 405

## N

### NMR data

abietic acid 478  
aleuritic acid 534  
amygdalin 330  
anethole 139  
betulinic acid 491  
brazileine 238  
caffeine 37  
capsanthin 276  
chamazulene 167  
cnicin 455  
curcumin 219  
cytisine 80  
eugenol 151  
galanthamine 100  
glucosamine 301  
hesperidin 353  
indigo 259  
lactose 317  
lawsone 204  
limonene 370  
menthol 387  
nicotine 23  
onocerin 440  
patchouli alcohol 421  
piperine 63  
shikimic acid 516  
strychnine 127  
tetrahydrocannabinol 179  
theobromine 50  
thujones 406

### NOESY spectrum

abietic acid 470  
aleuritic acid 529  
amygdalin 328  
anethole 137  
betulinic acid 490  
brazileine 231  
caffeine 35  
capsanthin 273, 274  
chamazulene 162  
cnicin 456

curcumin 215  
cytisine 78  
eugenol 150  
galanthamine 97  
glucosamine 295  
hesperidin 354  
indigo 255  
lactose 313  
lawsone 200  
limonene 369, 370  
menthol 383  
nicotine 19, 20  
onocerin 436  
patchouli alcohol 424  
piperine 62  
shikimic acid 514  
strychnine 123  
tetrahydrocannabinol 180  
theobromine 48  
thujones 403, 404

## S

Selective TOCSY spectra  
amygdalin 327  
glucosamine 296  
lactose 311

## T

Tandem mass spectrum  
brazileine 237

TOCSY spectra  
glucosamine 297  
hesperidin 352

## U

UV-spectrum  
aleuritic acid 525  
anethole 134  
caffeine 31  
chamazulene 159  
curcumin 211  
eugenol 146  
glucosamine 291  
indigo 252  
lactose 308  
lawsone 196  
piperine 57  
menthol 378

patchouli alcohol 415

theobromine 45

UV and CD spectra

abietic acid 466

amygdalin 323

betulinic acid 486

brazileine 227

capsanthin 267

cnicin 448

cytisine 71

galanthamine 92

hesperidin 341

limonene 363

nicotine 10

onocerin 432

shikimic acid 510

strychnine 113

tetrahydrocannabinol 175

thujones 395