xCELLanalyzer - Data Analysis

Processing and analysis of the impedance data generated for xCellAnalyze: A Framework for the Analysis of Cellular Impedance Measurements for Mode of Action Discovery

N.B.: Datasets 1 to 10 were generated on xCelligence machine A and datasets 11 to 16 were generated on xCelligence machine B

Load libraries

```
library("tidyverse")
library("stringr")
library("knitr")
library("gtools")
library("gplots")
library("dendsort")
library(pheatmap)
library(RColorBrewer)
```

Source the xCellAnalyze functions:

- read_xcell function: reads the tab-delimeted data exported from the RTCA Software Version 1.2. If the naming conventions are followed, only the global my_filepath varible and the experiment ID are used as arguments to the function. The cryptic column names generated by the export from the RTCA Software are fixed to only contain the well identifier (of the E-plate). To match the well labels with the compound IDs an _anno.txt is read containing the annotation of the wells for the appropriate experiment. The column names are then replaced with the corresponding compound IDs.
- edit_df:
- normalize_xcell:
- do_median_polish:
- calculate_median_curves:
- normalize_dmso:
- smooth_splines:

```
source("2xCell_functions.R")
```

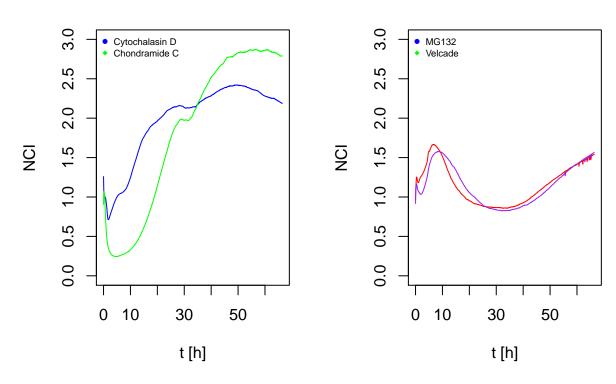
Process the 12 xCelligence runs with the xcell_process_data.R script.

-> write down what the script does, comment on median polish and removal of outliers

Plot figure 2

```
plot(x=rownames(xcell_median_7), y=xcell_median_7[,"7_MG132"], type="l", col="red", main = "Proteasome"
    cex.main=0.8, ylim=c(0,3), ylab="NCI", xlab="t [h]")
lines(x=rownames(xcell_median_7), y=xcell_median_7[,"7_Velcade"], type="l", col="purple")
legend("topleft",legend=c("MG132", "Velcade"),
    col= c("blue", "green"),pch=c(16,18),bty="n",ncol=1,cex=0.6,pt.cex=0.7)
```

Actin Proteasome



Combine all matrices containing the normalized median TCRP data from each run in one big matrix and reorder the column names alphabetically

Generate an analogous matrix without the DMSO normalization

Calculate smoothing splines

```
newrownames <- read.delim("newrownames.txt", header=F, stringsAsFactors = FALSE)
#smoothing splines with new rownames
median.sp<-matrix(ncol=22, nrow=219)
row.names(median.sp)<-newrownames$V1</pre>
t<-rownames (median.combined.ordered)
t<-as.numeric(t)
i<-0
repeat{
  i<-i+1
  temp<-smooth.spline(x=t, y= median.combined.ordered[,i], nknots=20)
 median.sp[i,]<-temp$fit$coef</pre>
  if (i==219) break
}
#analogous for the data without local normalization
median.sp.notnorm<-matrix(ncol=22, nrow=219)
row.names(median.sp.notnorm)<-newrownames$V1</pre>
t<-rownames (median.combined_notnorm.ordered)
t<-as.numeric(t)
i<-0
repeat{
  i<-i+1
 temp<-smooth.spline(x=t, y= median.combined_notnorm.ordered[,i], nknots=20)</pre>
  median.sp.notnorm[i,]<-temp$fit$coef
  if (i==219) break
}
```

Calculate score for biological replicates

The goal is to evalutate reproducibility for each compound and to judge which compounds are well reproducible and which not so much. For this purpose a rank-based score is calculated for each compound, the closer to one the better. In addition an overall score is calculated, which is a single number to judge how the

experiments and the data analysis overall performed. Again it is a rank-based score, the closer to one the better.

Here we also want to optimize certain parameters for the data analysis, namely the distance measure and data scaling / centering.

Distance measures (source: https://stat.ethz.ch/R-manual/R-devel/library/stats/html/dist.html) compared are (written for two vectors \mathbf{x} and \mathbf{y}):

euclidean: Usual distance between the two vectors (2 norm aka L_2), sqrt(sum((x_i - y_i)^2)).

maximum: Maximum distance between two components of x and y (supremum norm)

manhattan: Absolute distance between the two vectors (1 norm aka L_1).

Scaling and Centering of the matrices using the scale function of R base: R documentation: "The value of center determines how column centering is performed. If center is a numeric vector with length equal to the number of columns of x, then each column of x has the corresponding value from center subtracted from it. If center is TRUE then centering is done by subtracting the column means of x from their corresponding columns, and if center is FALSE, no centering is done.

The value of scale determines how column scaling is performed (after centering). If scale is a numeric vector with length equal to the number of columns of x, then each column of x is divided by the corresponding value from scale. If scale is TRUE then scaling is done by dividing the (centered) columns of x by their root-mean-square, and if scale is FALSE, no scaling is done.

The root-mean-square for a column is obtained by computing the square-root of the sum-of-squares of the non-missing values in the column divided by the number of non-missing values minus one."

```
#criterion how the overall procedure scored
res <- score1.function(median.sp, "euclidean")
euclidean <- sum(res$normscore)/i</pre>
median.sp.scaled <- scale(median.sp, center = FALSE, scale = TRUE)
res <- score1.function(median.sp.scaled, "euclidean")</pre>
euclidean.scaled <- sum(res$normscore)/i</pre>
median.sp.centered.scaled <- scale(median.sp, center = TRUE, scale = TRUE)</pre>
res <- score1.function(median.sp.centered.scaled, "euclidean")
euclidean.centered.scaled <- sum(res$normscore)/i
###
res <- score1.function(median.sp, "maximum")</pre>
maximum <- sum(res$normscore)/i</pre>
res <- score1.function(median.sp.scaled, "maximum")</pre>
maximum.scaled <- sum(res$normscore)/i</pre>
res <- score1.function(median.sp.centered.scaled, "maximum")</pre>
maximum.centered.scaled <- sum(res$normscore)/i
###
res <- score1.function(median.sp, "manhattan")</pre>
manhattan <- sum(res$normscore)/i</pre>
res <- score1.function(median.sp.scaled, "manhattan")
manhattan.scaled <- sum(res$normscore)/i
```

```
res <- score1.function(median.sp.centered.scaled, "manhattan")
manhattan.centered.scaled <- sum(res$normscore)/i
###

not_scaled <- c(euclidean, maximum, manhattan)
scaled <- c(euclidean.scaled, maximum.scaled, manhattan.scaled)
cent_scaled <- c(euclidean.centered.scaled, maximum.centered.scaled, manhattan.centered.scaled)

tab1 <- rbind(not_scaled, scaled, cent_scaled)
colnames(tab1) <- c("euclidean", "maximum", "manhattan")
tab1 <- as.data.frame(tab1)

#grid.table(round(tab1, 3))
kable(round(tab1, 3), caption = "scores for 5 distance measures +/- scaling and centering")</pre>
```

Table 1: scores for 5 distance measures +/- scaling and centering

	euclidean	maximum	manhattan
not_scaled	0.378	0.404	0.342
scaled	0.479	0.473	0.412
cent _scaled	0.479	0.473	0.410
Result: Euclid	ean distance	with scal	ed (not centred) data performed best.
Mögliche Ergän	zung/Erweite	rung: corr	elation nehmen: Pearson, Spearman, Kendall

alternative: use correlation

mydata <- t(median.sp.scaled.centered) samples.cor.spearman <- cor(mydata,use="pairwise.complete.obs", method="spearman") samples.cor.spearman.dist <- as.dist(1-samples.cor.spearman) my.distmat <- as.matrix(samples.cor.spearman.dist) samples.tree <- hclust(samples.cor.spearman.dist,method='average')

1-cor is not optimal for hierarchical clustering: http://research.stowers.org/mcm/efg/R/Visualization/cor-cluster/index.htm hclust with a dissimilarity measure 1-Abs(Correlation) works fine.

Now we want to investigate if the local normalization with the TCRP from DMSO treated cells for each run lead to an improvement of reproducibility.

```
median.sp.notnorm.scaled <- scale(median.sp.notnorm, center = FALSE, scale = TRUE)
res <- score1.function(median.sp.notnorm.scaled, "euclidean")
euclidean.scaled.notnorm <- sum(res$normscore)/i

median.sp.scaled <- scale(median.sp, center = FALSE, scale = TRUE)
res <- score1.function(median.sp.scaled, "euclidean")
euclidean.scaled <- sum(res$normscore)/i
cat(paste0("without local normalization: ", round(euclidean.scaled.notnorm, 3), "\nwith local normalization: 0.274
## with local normalization: 0.479</pre>
```

Clearly the local normalization has lead to a strong improvement: 0.476 >> 0.266.

Evaluate reproducibility of biological replicates group-wise, calculate a score for each group of replicates

```
res <- score1.function(median.sp, "euclidean")
groupmatch <- read.delim("groupmatch.txt", header=F)$V1</pre>
```

```
group.score <- c()

for(i in 1:length(groupmatch)){

   ma <- grep(groupmatch[i], res$rep)
   gscore <- sum(res$normscore[ma])/length(ma)
   group.score <- c(group.score, gscore)

}

group.result <- data.frame(groupmatch,group.score)

group.result <- group.result[order(-group.result$group.score),]
kable(group.result)</pre>
```

	groupmatch	group.score
14	Chelerythrine	1.0000000
27	H89	1.0000000
47	SaframycinMx1	1.0000000
53	Staurosporine	1.0000000
60	Wortmannin	1.0000000
18	Cycloheximide	0.9250000
13	Cerulenin	0.9166667
7	Apicidin	0.8333333
56	TubulysinB	0.7857143
2	ActinomycinD	0.7555556
5	Anisomycin	0.6807359
31	Mevastatin	0.6750000
44	Rapamycin	0.6427947
46	Rhizopodin	0.5454259
20	Cytochalasin	0.5416667
22	Emetine	0.5000000
40	PD169316	0.4908789
19	CyclosporinA	0.4810458
15	ChondramidC	0.4530303
32	MG132	0.4431241
43	PurvalanolA	0.4395161
4	Amanitin	0.4377358
41	Podophyllotoxin	0.4328454
57	Velcade	0.4243003
58	Vinblastin	0.4202786
42	Puromycin	0.4164809
28	Indirubin3monoxime	0.3968689
16	Colchicine	0.3932894
3	Alsterpaullone	0.3887535
1	A23187	0.3631470
8	Apicularen	0.3248723
33	Myriaporone	0.2915516
34	MyxothiazolA	0.2776854
49	SB203580	0.2615083
50	Scriptaid	0.2605042
55	Trichostatin	0.2388983
36	Nocodazol	0.2386498
59	Vioprolide	0.2304310
24	Etoposide	0.1995340

	groupmatch	group.score
26	Griseofulvin	0.1931039
12	CCCP	0.1835840
48	SB202190	0.1775103
52	Soraphen	0.1771044
10	ArgyrinA	0.1745614
6	Aphidicolin	0.1530034
51	Simvastatin	0.1428155
23	EpothiloneB	0.1351025
25	GephyronicAcidA	0.1312164
37	OkadaicAcid	0.1064823
30	Methotrexate	0.1038177
11	Camptothecin	0.1002997
45	RatjadonC	0.0859606
54	Taxol	0.0708859
29	LY294002	0.0632620
21	Doxorubicin	0.0558336
17	CruentarenA	0.0545505
38	Oligomycin	0.0538105
39	Oxamflatin	0.0514741
35	Neopeltolide	0.0459717
9	ArchazolidB	0.0348333

What we can do now is to use the score calculated for each biological replicate and define a threshold to remove replicates which are outliers. And then calculate the groupwise scores and the overall score again to check the improvement.

```
#Filter reference set
#normailzed score < 0.1 is defined as outlier
res <- score1.function(median.sp, "euclidean")

my_hitlist <- res$rep[res$normscore < 0.1]
my_outliers <- c()

for (i in 1: length(my_hitlist)) {
  temp <- unlist(strsplit(toString(my_hitlist[i]), "_"))
  new_name <- pasteO(temp[2], "_", temp[3])
  my_outliers <- c(my_outliers, new_name)
}

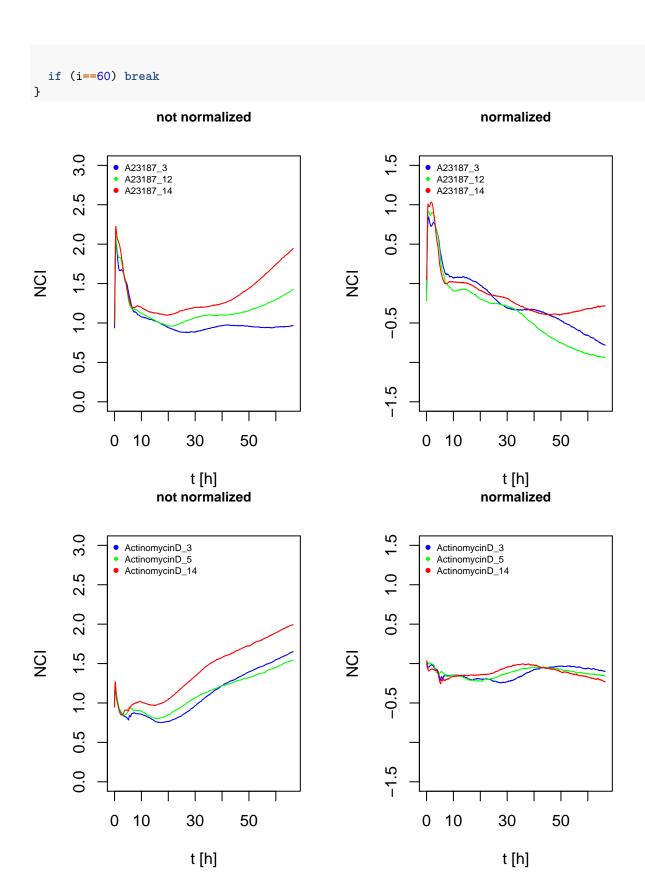
print(my_outliers)</pre>
```

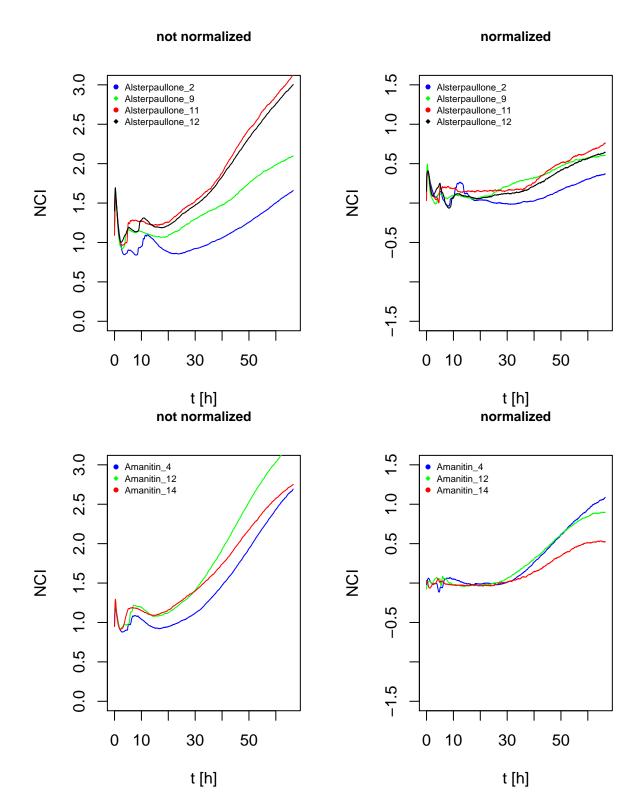
```
[1] "Apicularen_1"
                                "ArchazolidB_3"
                                                        "ArchazolidB 6"
    [4] "ArchazolidB 13"
                                "ArgyrinA_4"
                                                        "Camptothecin 4"
                                "Colchicine_16"
  [7] "Camptothecin_12"
                                                        "CruentarenA 4"
## [10] "CruentarenA_7"
                                "CruentarenA_14"
                                                        "Doxorubicin 2"
## [13] "Doxorubicin_9"
                                "Doxorubicin_10"
                                                        "Doxorubicin_11"
## [16] "Doxorubicin 12"
                                "EpothiloneB_13"
                                                        "Etoposide 3"
## [19] "Etoposide 15"
                                "GephyronicAcidA 9"
                                                        "GephyronicAcidA 10"
## [22] "GephyronicAcidA_13"
                                "Indirubin3monoxime_3"
                                                        "LY294002_2"
## [25] "LY294002_5"
                                "LY294002_11"
                                                        "LY294002_13"
## [28] "Methotrexate_1"
                                "Myriaporone_16"
                                                        "Neopeltolide_2"
                                                        "Nocodazole_15"
## [31] "Neopeltolide_6"
                                "Neopeltolide_16"
```

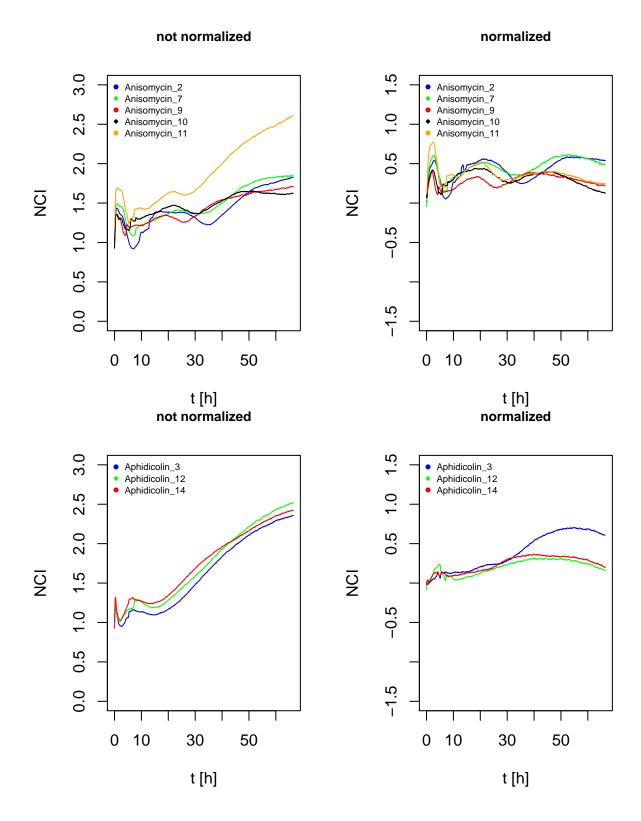
```
## [34] "OkadaicAcid 2"
                                "Oligomycin 1"
                                                        "Oligomycin 7"
## [37] "Oligomycin_15"
                                "Oligomycin_16"
                                                        "Oxamflatin 4"
## [40] "Oxamflatin 8"
                                                        "PD169316 9"
                                "Oxamflatin 16"
## [43] "RatjadonC_2"
                                "RatjadonC_9"
                                                        "RatjadonC_11"
## [46] "RatjadonC_12"
                                "Simvastatin 9"
                                                        "Taxol 1"
## [49] "Taxol 6"
                                "Taxol 7"
                                                        "Taxol 13"
## [52] "Taxol 14"
                                "Velcade 9"
                                                        "Vioprolide 10"
```

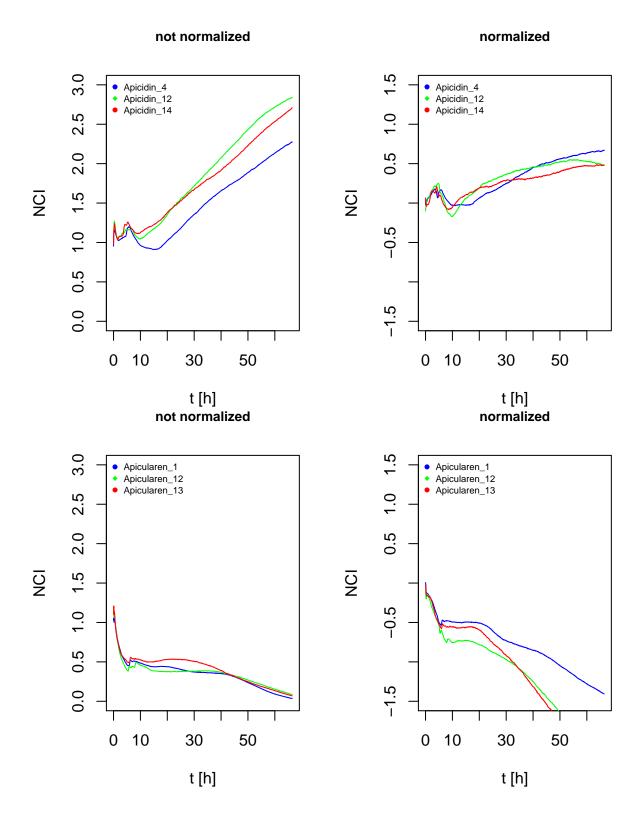
Plot the biological replicates of each compound (generated by the medians of the technical replicates on each E-plate) with and without local normalization.

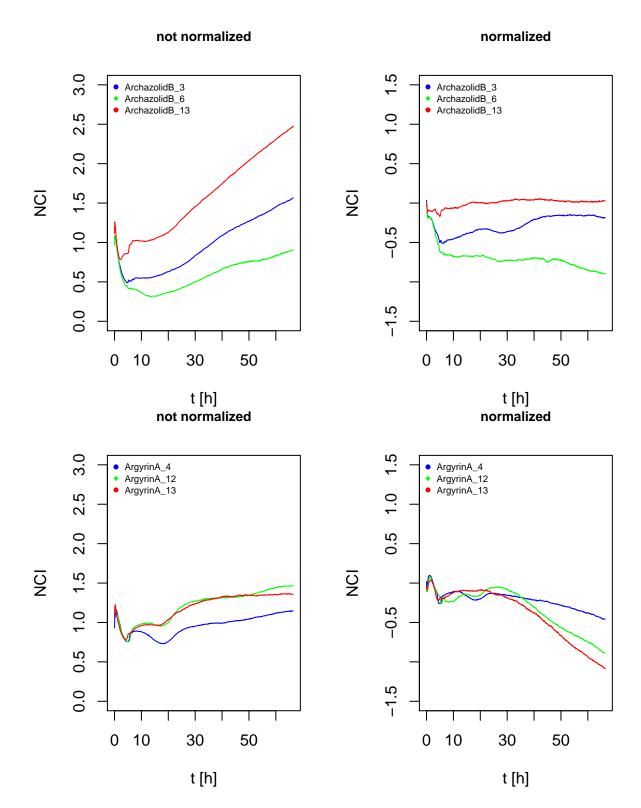
```
par(mfrow = c(1,2))
i<-0
repeat{
  i<-i+1
  ma<-grep(groupmatch[i], colnames(median.combined_notnorm.ordered))</pre>
  z<-median.combined_notnorm.ordered[,ma]
  z<-as.data.frame(z)
  z<-z[,mixedorder(names(z))]
  plot(x=rownames(z), y=z[,1], type="l", col="blue", main = "not normalized",
       cex.main=0.8, ylim=c(0,3), ylab="NCI", xlab="t [h]")
  myC <- length(ma)</pre>
  myColor <- c("green", "red", "black", "orange")</pre>
  for (n in 1: (myC-1))
    lines(x=rownames(z), y=z[,n+1], type="l", col=myColor[n])
  legend("topleft",legend=colnames(z),
         col= c("blue", myColor),pch=c(16,18),bty="n",ncol=1,cex=0.6,pt.cex=0.7)
  z<-median.combined.ordered[,ma]
  z<-as.data.frame(z)
  z<-z[,mixedorder(names(z))]
  plot(x=rownames(z), y=z[,1], type="l", col="blue", main = "normalized",
       cex.main=0.8, ylim=c(-1.5,1.5), ylab="NCI", xlab="t [h]")
  for (n in 1: (myC-1))
    lines(x=rownames(z), y=z[,n+1], type="l", col=myColor[n])
  legend("topleft",legend=colnames(z),
         col= c("blue", myColor),pch=c(16,18),bty="n",ncol=1,cex=0.6,pt.cex=0.7)
```

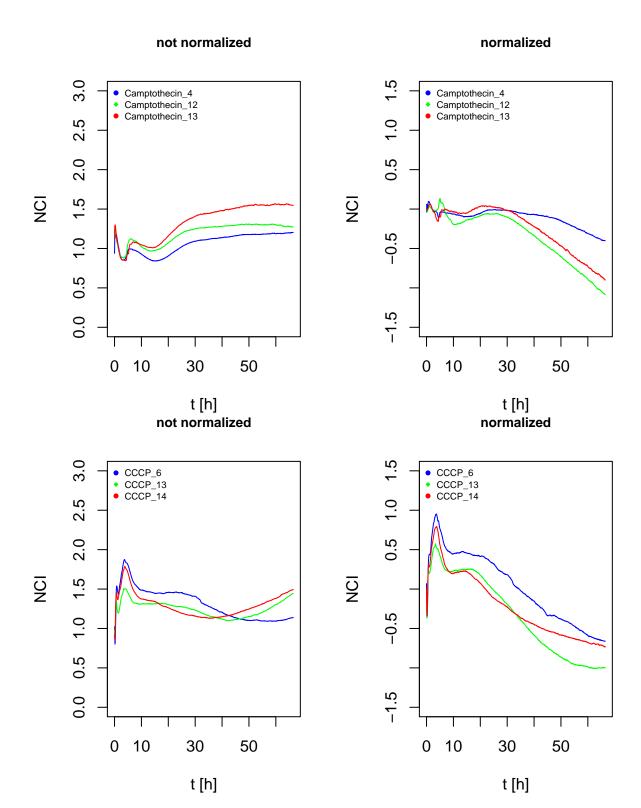


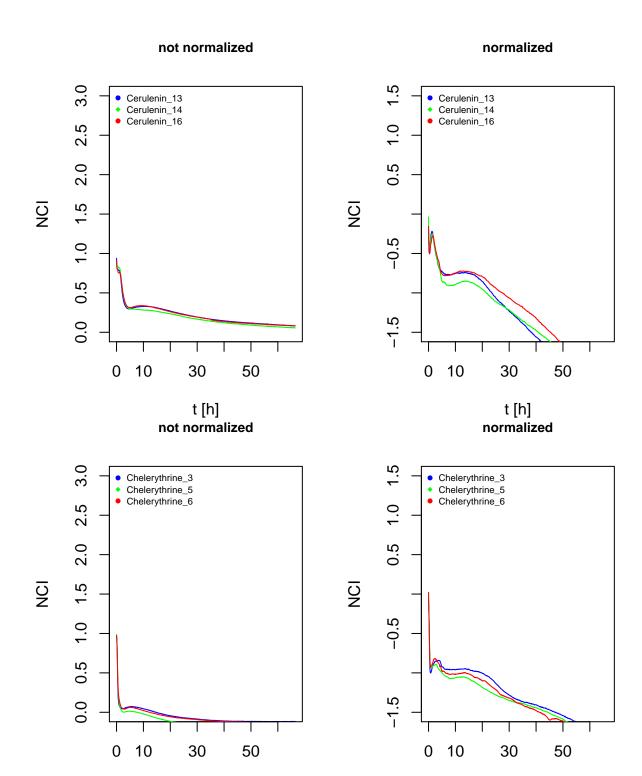






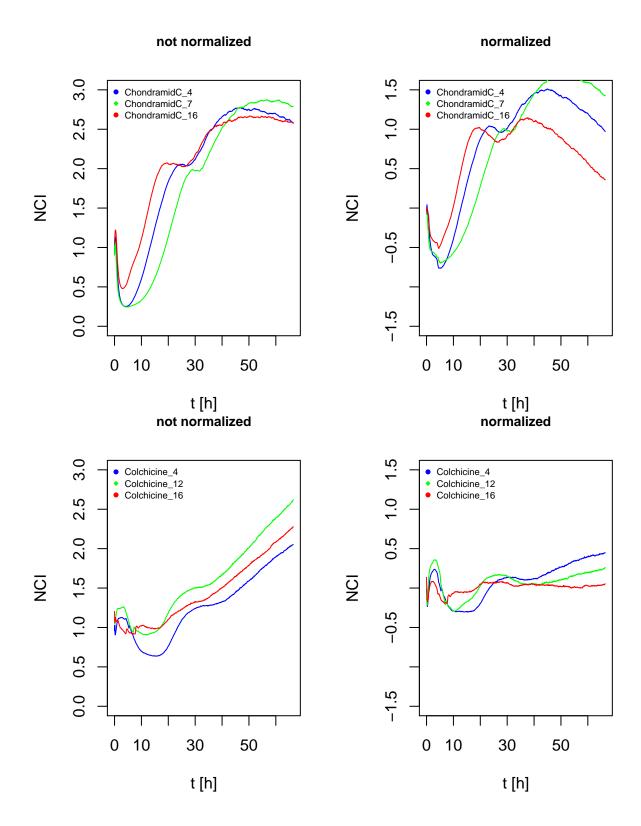


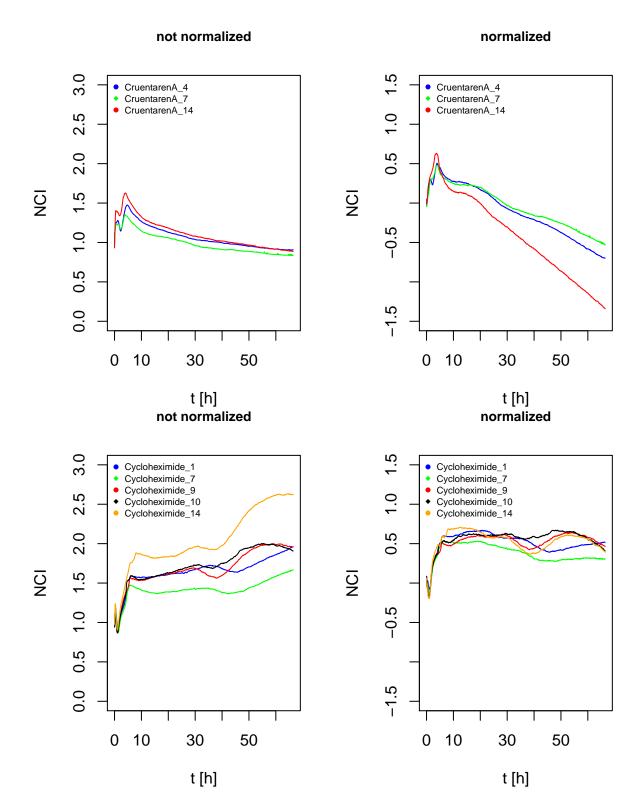


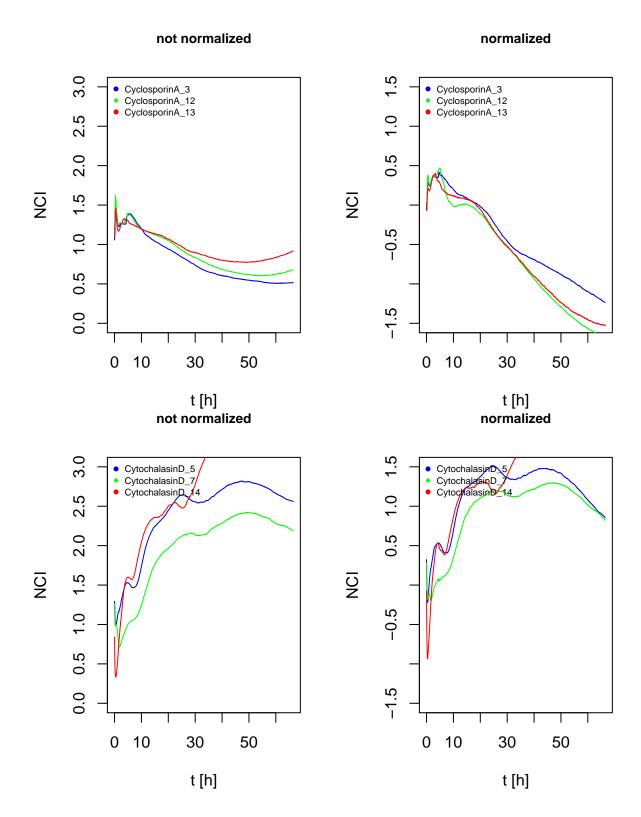


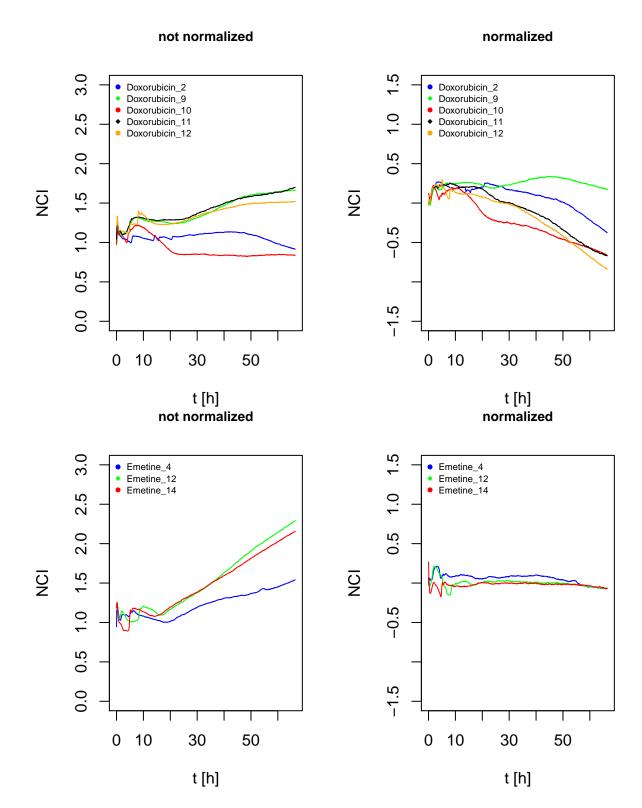
t [h]

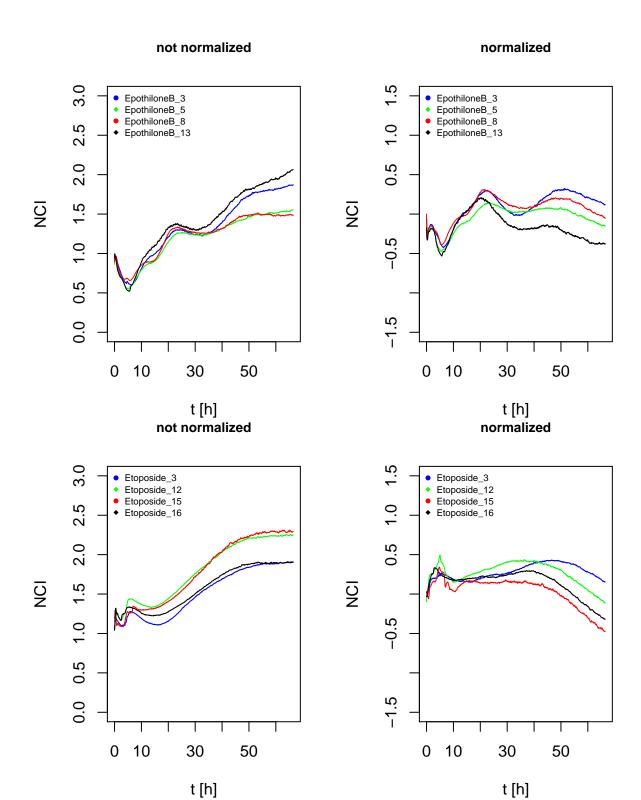
t [h]

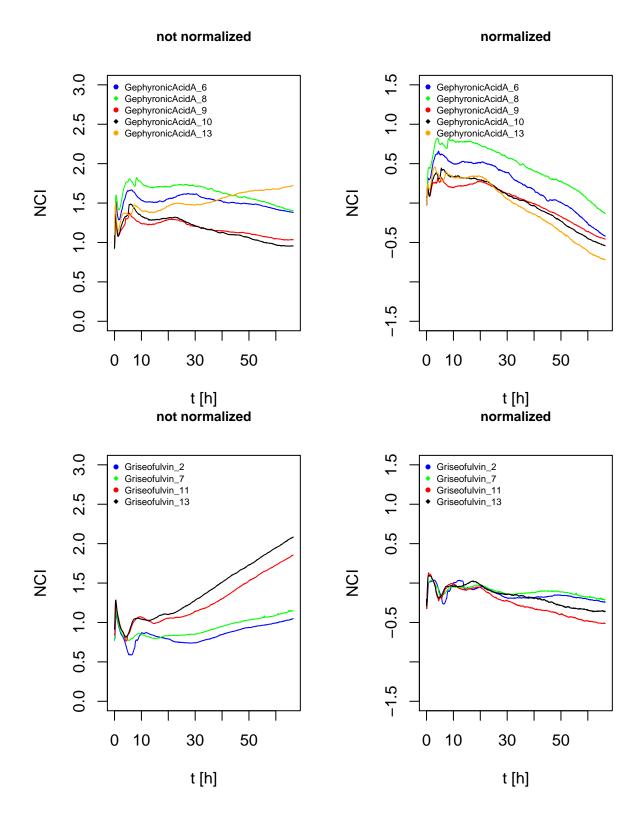


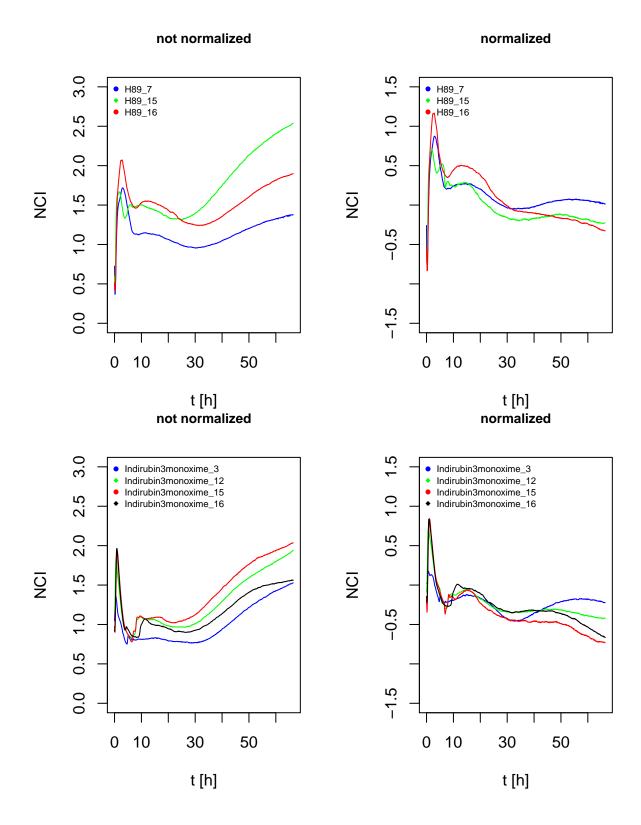


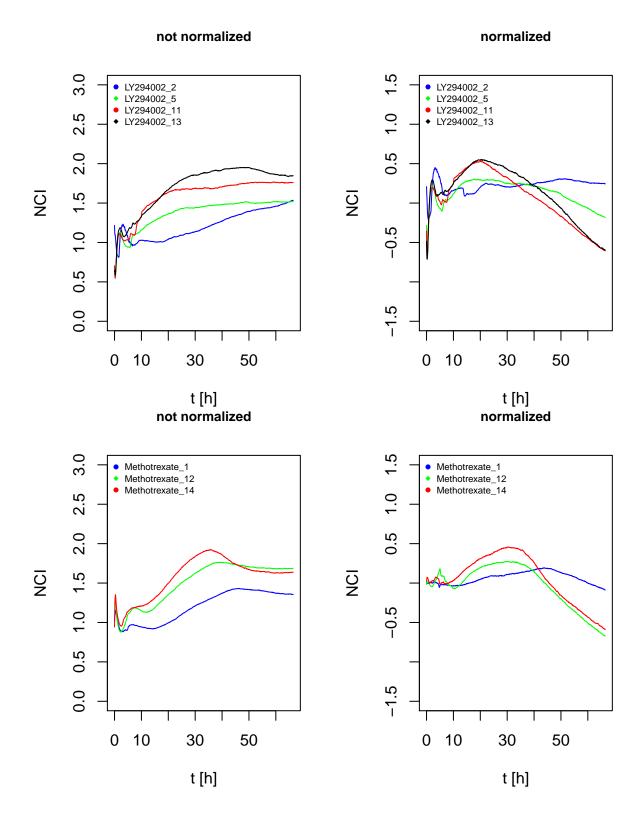


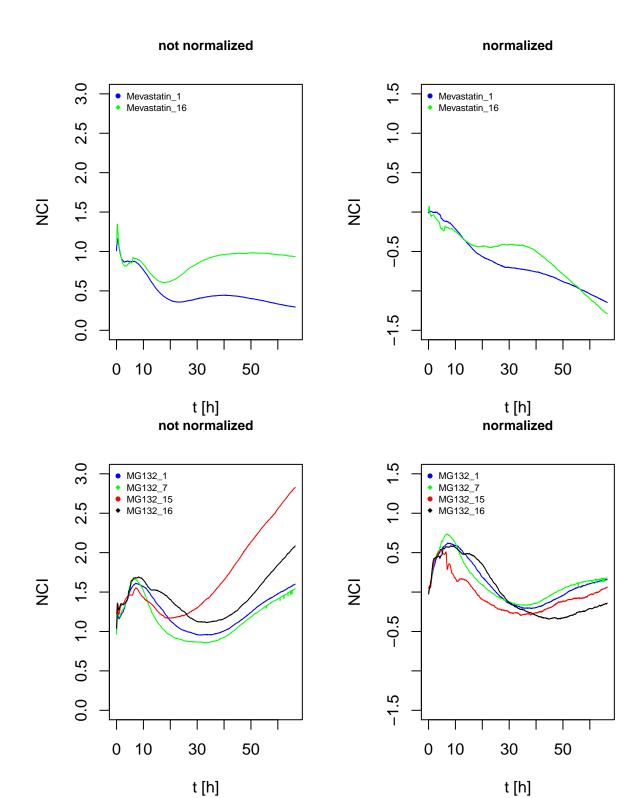


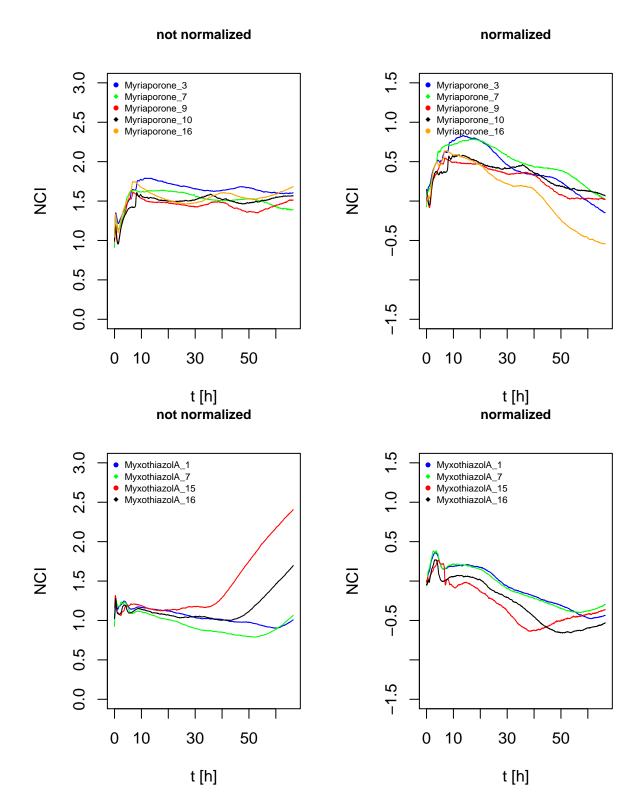


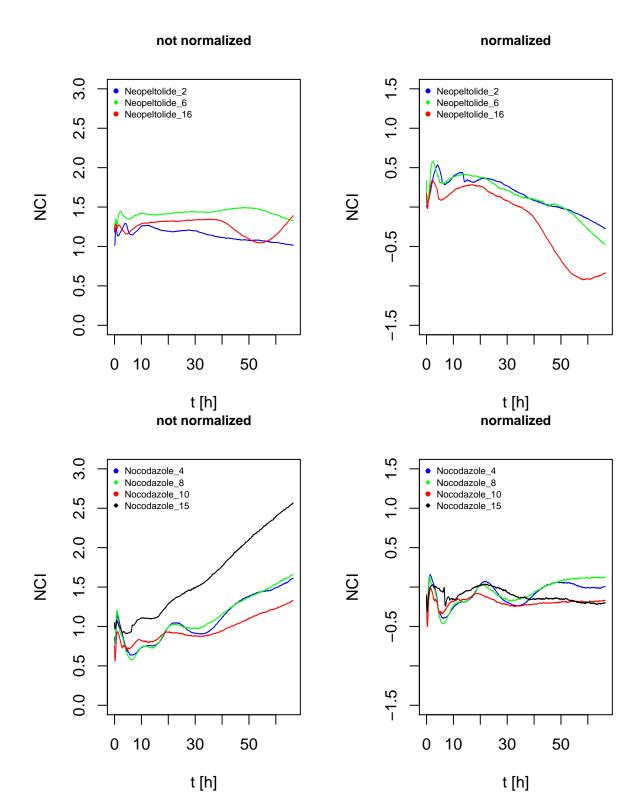


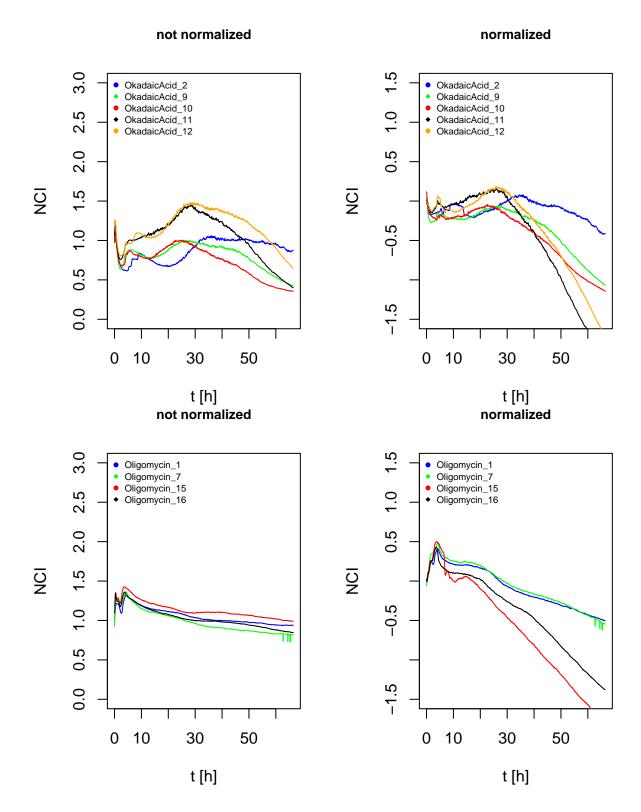


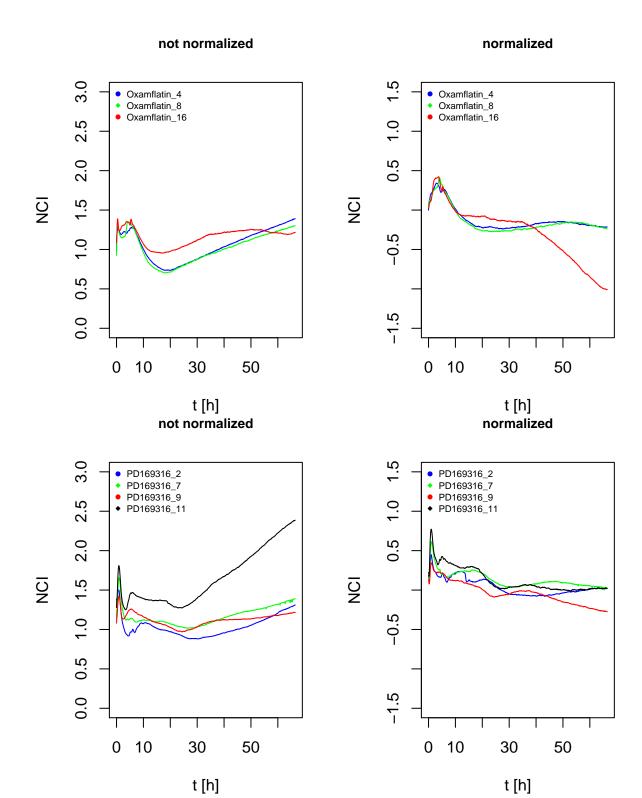


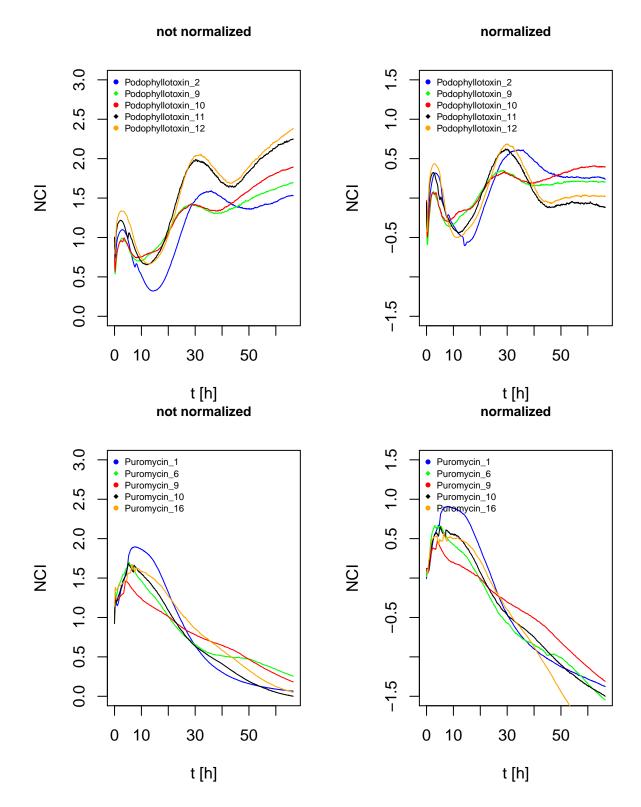


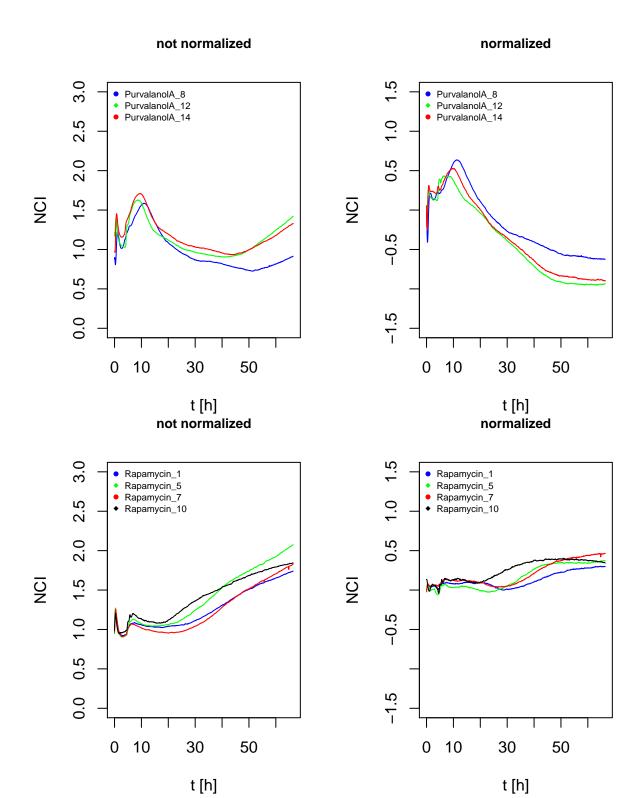


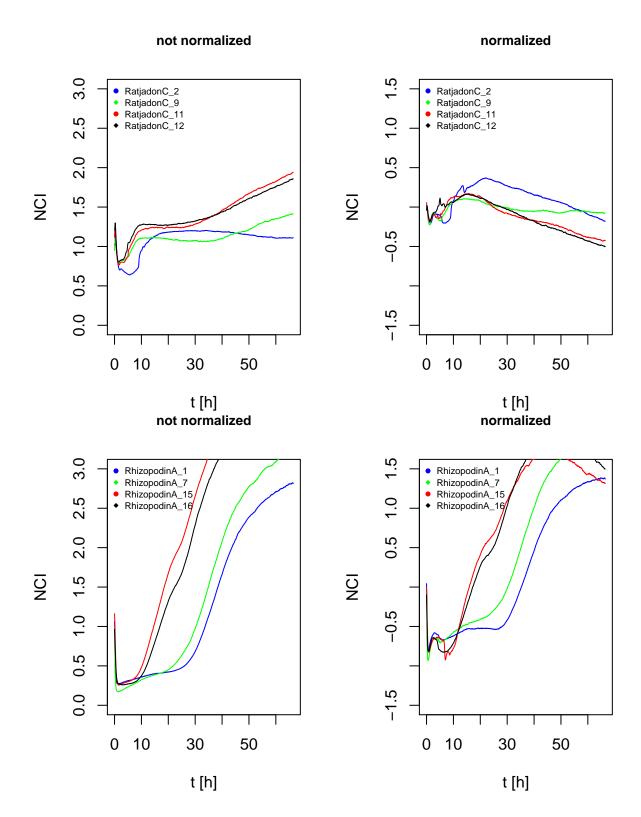


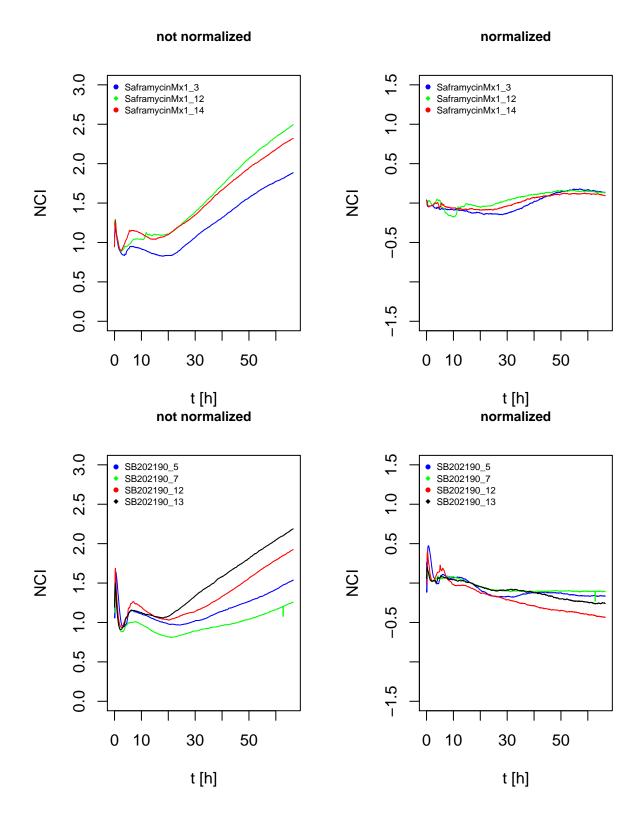


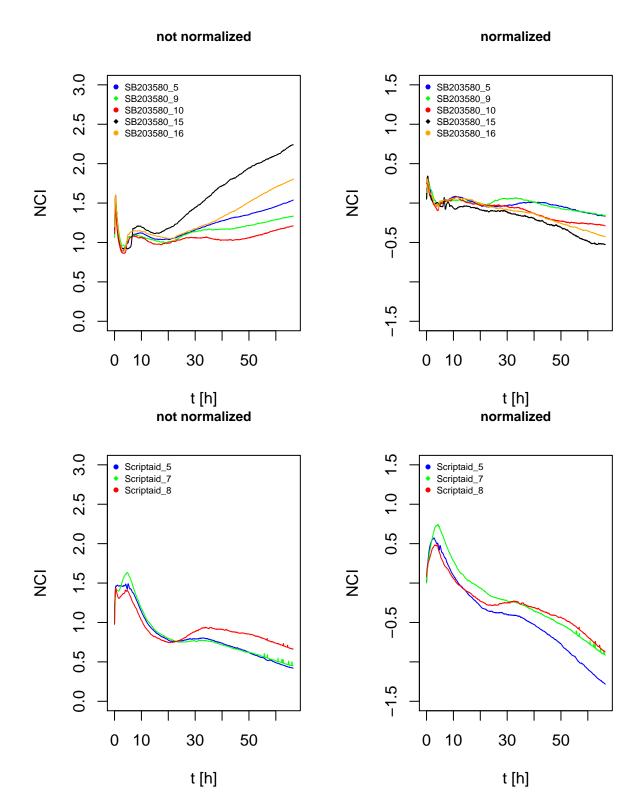


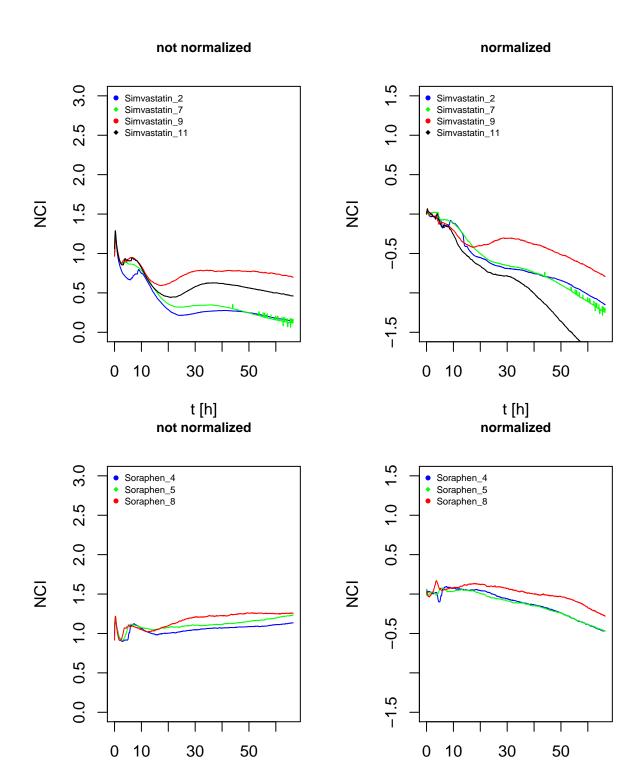






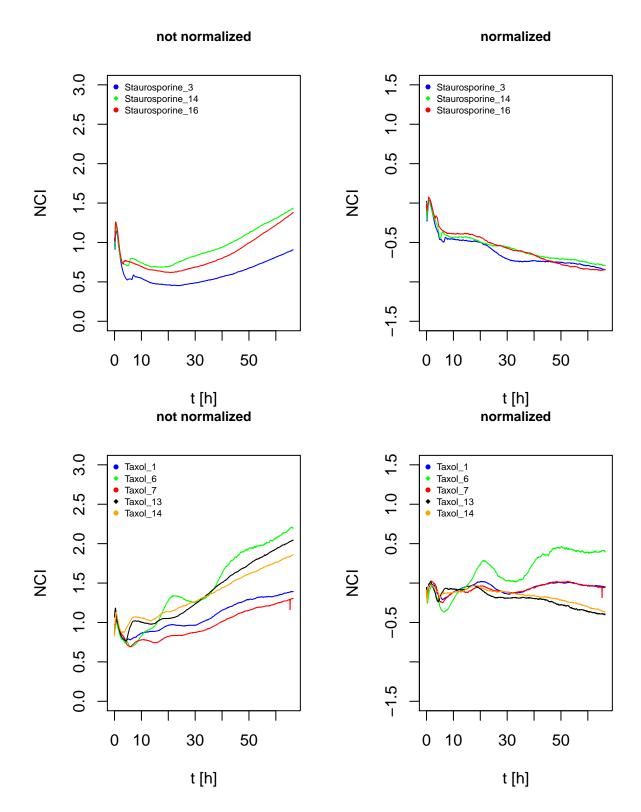


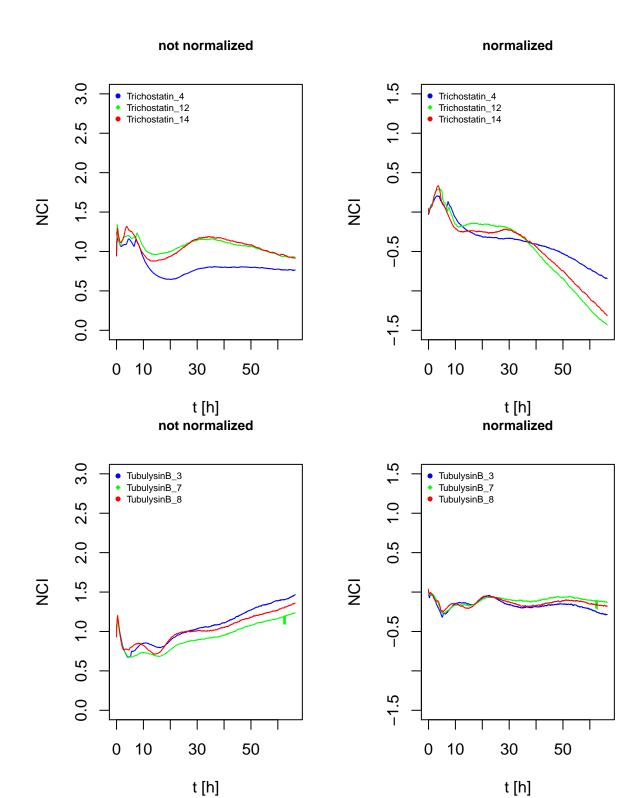


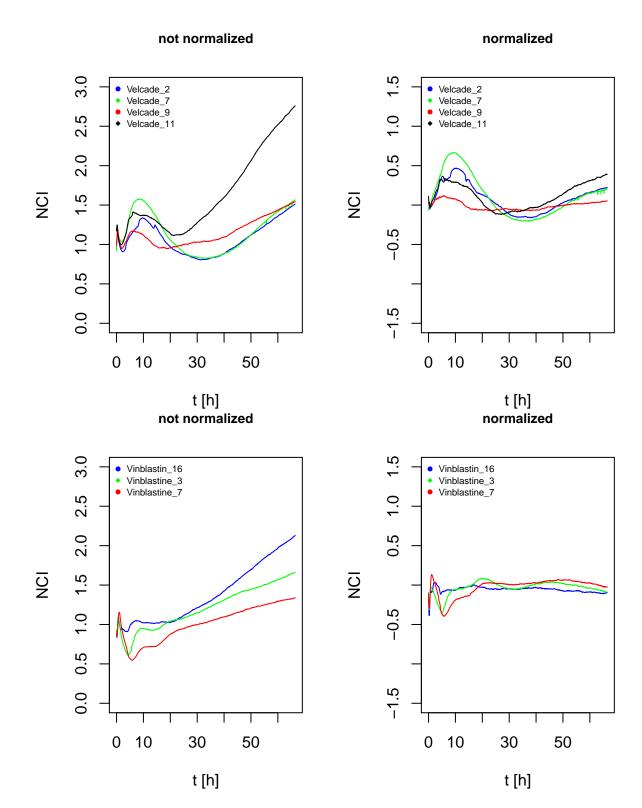


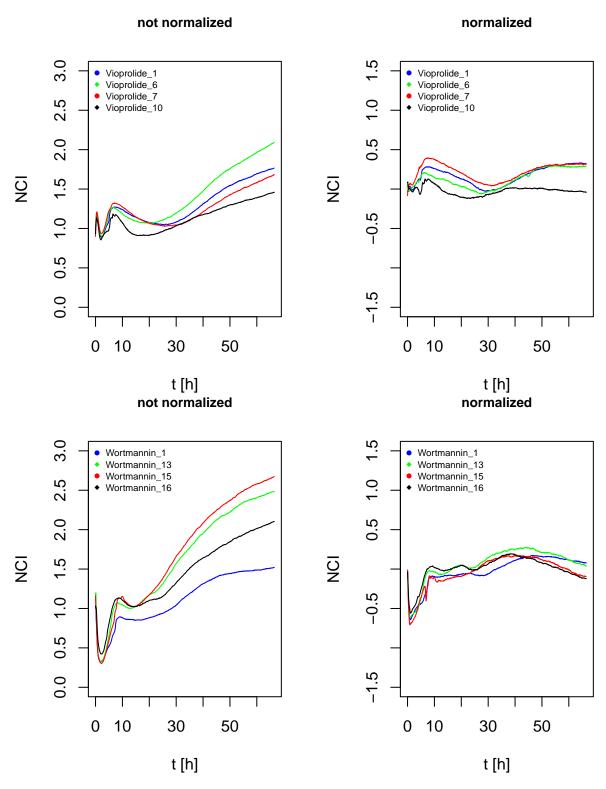
t [h]

t [h]









In the case where more than one biological replicate or one compound was round to be below the threshold, the one the deviates the most (judged by visual inspection of the plots) is removed from the data.

E.g. Archazolid: The replicate from run 13 is very close to the DMSO control, run 3 and 6 show more effect. Therefore ArchazolidB_13 is removed (see below).

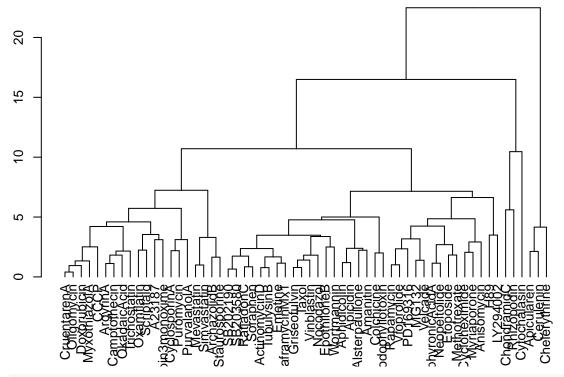
```
my_outliers_selected <- c("Apicularen_1", "ArchazolidB_13", "ArgyrinA_4", "Camptothecin_4", "Colchicine
ma <- match(my_outliers_selected, colnames(median.combined.ordered))</pre>
median.combined.edited <- median.combined.ordered[, -ma]
#calculate cubic smoothing splines
median.sp.edited<-matrix(ncol=22, nrow=192)</pre>
row.names(median.sp.edited)<-newrownames$V1[-ma]</pre>
t<-rownames (median.combined.edited)
t<-as.numeric(t)
i<-0
repeat{
  i<-i+1
  temp<-smooth.spline(x=t, y= median.combined.edited[,i], nknots=20)</pre>
  median.sp.edited[i,]<-temp$fit$coef</pre>
  if (i==192) break
}
median.sp.edited.scaled <- scale(median.sp.edited, center = FALSE, scale = TRUE)
res <- score1.function(median.sp.edited.scaled, "euclidean")
euclidean.scaled <- sum(res$normscore)/i</pre>
cat(paste0("Euclidean.scaled after removal of outliers: ", round(euclidean.scaled, 3)))
## Euclidean.scaled after removal of outliers: 0.647
group.score <- c()</pre>
for(i in 1:length(groupmatch)){
  ma <- grep(groupmatch[i], res$rep)</pre>
  gscore <- sum(res$normscore[ma])/length(ma)</pre>
  group.score <- c(group.score, gscore)</pre>
group.result <- data.frame(groupmatch,group.score)</pre>
group.result <- group.result[order(-group.result$group.score),]</pre>
kable(group.result)
```

	groupmatch	group.score
8	Apicularen	1.0000000
10	ArgyrinA	1.0000000
13	Cerulenin	1.0000000
14	Chelerythrine	1.0000000
16	Colchicine	1.0000000
27	H89	1.0000000
29	LY294002	1.0000000
30	Methotrexate	1.0000000
35	Neopeltolide	1.0000000
39	Oxamflatin	1.0000000

	groupmatch	group.score
47	SaframycinMx1	1.0000000
53	Staurosporine	1.0000000
55	Trichostatin	1.0000000
56	TubulysinB	1.0000000
60	Wortmannin	1.0000000
1	A23187	0.9523810
23	EpothiloneB	0.9523810
18	Cycloheximide	0.9304348
28	Indirubin3monoxime	0.8484848
40	PD169316	0.8484848
2	ActinomycinD	0.8333333
59	Vioprolide	0.8333333
5	Anisomycin	0.8320261
7	Apicidin	0.8055556
19	CyclosporinA	0.7777778
20	Cytochalasin	0.7619048
4	Amanitin	0.7023810
44	Rapamycin	0.6944444
3	Alsterpaullone	0.6835017
41	Podophyllotoxin	0.6631485
50	Scriptaid	0.6395604
49	SB203580	0.6392857
17	CruentarenA	0.6250000
42	Puromycin	0.6110276
15	ChondramidC	0.5865801
51	Simvastatin	0.5578866
57	Velcade	0.5544890
31	Meyastatin	0.5500000
36	Nocodazol	0.5454981
58	Vinblastin	0.5440476
43	PurvalanolA	0.5438596
37	OkadaicAcid	0.5435235
22	Emetine	0.5158730
11	Camptothecin	0.5142857
46	Rhizopodin	0.4989508
24	Etoposide	0.4779202
32	MG132	0.4687747
48	SB202190	0.3631785
6	Aphidicolin	0.3492424
26	Griseofulvin	0.3492424 0.3425232
52	Soraphen	0.3425232 0.3399933
33	Myriaporone	0.3336412
54	Taxol	
$\frac{54}{34}$	MyxothiazolA	0.3334500
	· ·	0.2868851
12	CCCP	0.2359447
21	Doxorubicin	0.1784604
9	ArchazolidB	0.1758621
25	GephyronicAcidA	0.1675484
45	RatjadonC	0.1181932
38	Oligomycin	0.0831636

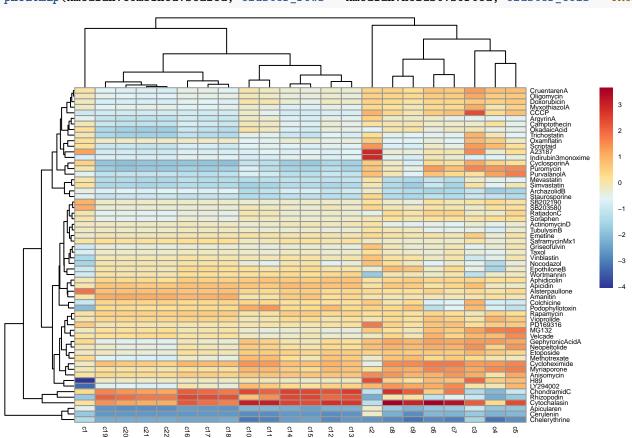
With the improved data the medians of the biological replicates is calculated.

```
#Calculate medians of medians
median.combined.median<-matrix(ncol=60, nrow=800)
colnames(median.combined.median)<-groupmatch</pre>
rownames (median.combined.median) <- row.names (median.combined.edited)
i<-0
repeat{
  i<-i+1
 name<-groupmatch[i]
  ma<-grep(groupmatch[i], colnames(median.combined.edited))</pre>
  z<-median.combined.edited[,ma]
  median.combined.median[,i]<-apply(z, 1, median)</pre>
  if (i==60) break
#smoothing splines for median.combined
xmedian.combined<-matrix(ncol=22, nrow=60)</pre>
row.names(xmedian.combined)<-colnames(median.combined.median)</pre>
t<-rownames(median.combined.median)
t<-as.numeric(t)
i<-0
repeat{
  i<-i+1
  temp<-smooth.spline(x=t, y= median.combined.median[,i], nknots=20)</pre>
  xmedian.combined[i,]<-temp$fit$coef</pre>
  if (i==60) break
}
#Scaling
xmedian.combined.scaled <- scale(xmedian.combined, scale = TRUE, center = FALSE)
colnames(xmedian.combined.scaled) <- c("c1", "c2", "c3", "c4", "c5", "c6", "c7", "c8", "c9", "c10", "c1</pre>
                                  "c12", "c13", "c14", "c15", "c16", "c17", "c18", "c19",
                                  "c20", "c21", "c22")
##distmat and hierarchical clustering
xmedian.combined.distmat <- dist(xmedian.combined.scaled, method = "euclidean")</pre>
xmedian.hclust.sorted <- dendsort(hclust(xmedian.combined.distmat, method = "complete"))</pre>
par(cex = 0.8)
plot(as.dendrogram(xmedian.hclust.sorted))
```



#heatmap

my_color = colorRampPalette(rev(brewer.pal(n = 10, name = "RdYlBu")))(100)
pheatmap(xmedian.combined.scaled, cluster_rows = xmedian.hclust.sorted, cluster_cols = TRUE, color = my



Rank-based MoA prediction

```
xmedian.combined.scaled <- scale(xmedian.combined)
mydistmat <- dist(xmedian.combined.scaled, method = "euclidean")
mydistmat <- as.matrix(mydistmat)
rank.predict <- matrix(ncol=60, nrow=60)
colnames(rank.predict) <- colnames(mydistmat)
rownames(rank.predict) <- c(1:60)

for (i in 1:60){
   mydistmat.ordered <- mydistmat[order(mydistmat[,i]),]
   rank.predict[,i] <- rownames(mydistmat.ordered)
}

rank <- 1:59
rank.predict <- rank.predict[-1,]
rank.predict <- as.data.frame(cbind(rank, rank.predict))

write.csv2(rank.predict, "rankpredict.csv")
rank.predict</pre>
```

##		rank	A23187	ActinomycinD	Alsterpaullone
##	2	1	Scriptaid	TubulysinB	Rapamycin
##	3	2	Indirubin3monoxime	Taxol	Amanitin
##	4	3	MyxothiazolA	SaframycinMx1	Apicidin
##	5	4	Oxamflatin	Griseofulvin	Aphidicolin
##	6	5	Oligomycin	Emetine	Vioprolide
##	7	6	CCCP	SB202190	SaframycinMx1
##	8	7	CruentarenA	Soraphen	PD169316
##	9	8	Doxorubicin	Oxamflatin	Emetine
##	10	9	SB203580	SB203580	Velcade
##	11	10	Trichostatin	Vinblastin	Anisomycin
##	12	11	SB202190	Nocodazol	SB202190
##	13	12	Camptothecin	${ t RatjadonC}$	Etoposide
##	14	13	PD169316	Colchicine	SB203580
##	15	14	Soraphen	${\tt EpothiloneB}$	Colchicine
##	16	15	ArgyrinA	${ t MyxothiazolA}$	${\tt ActinomycinD}$
##	17	16	PurvalanolA	Wortmannin	${ t Epothilone B}$
##	18	17	Griseofulvin	Camptothecin	MG132
##	19	18	Emetine	Rapamycin	${\tt TubulysinB}$
##	20	19	${\tt CyclosporinA}$	Doxorubicin	Neopeltolide
##	21	20	TubulysinB	${ t Argyrin A}$	Myriaporone
##	22	21	ActinomycinD	Vioprolide	Soraphen
##	23	22	Taxol	Oligomycin	Oxamflatin
##	24	23	${ t RatjadonC}$	PD169316	Methotrexate
##	25	24	OkadaicAcid	Aphidicolin	${ t RatjadonC}$
##	26	25	Neopeltolide	Etoposide	Taxol
##	27	26	${\tt GephyronicAcidA}$	Methotrexate	Wortmannin
##	28	27	Puromycin	${\tt CruentarenA}$	Cycloheximide
##	29	28	Mevastatin	Velcade	${\tt GephyronicAcidA}$
##	30	29	MG132	${\tt ArchazolidB}$	Vinblastin
##	31	30	-	Indirubin3monoxime	Oligomycin
##	32	31	SaframycinMx1	Scriptaid	${\tt CruentarenA}$
##	33	32	Methotrexate	Amanitin	Griseofulvin

##	2/	33	Simvast	+	Aniaid	n MarrothiogolA
					Apicidi	· ·
##		34		Lcade	Podophyllotox	
	36	35	Nocoo		Alsterpaullo	
	37	36	Staurospo		OkadaicAci	1 7
	38	37	Vinbla		MG13	I
	39	38	Colchi		Staurospori	
##		39	Viopro		Trichostati	1
##		40	Rapan	•	Neopeltolio	0.0
##		41	Archazo			37 Indirubin3monoxime
##		42	Anison		Mevastati	
##		43	Epothil		CCC	
	45	44	Aphidio		GephyronicAcio	
	46	45	Alsterpaul		Purvalano	
	47	46		Н89	Anisomyc	
	48	47	-	cidin	Simvastati	
	49	48	Myriapo		Myriaporo	
	50	49	Podophyllot		LY29400	
	51	50		94002	HS	· · · · · · · · · · · · · · · · · · ·
##		51	Wortma		Cyclosporia	
##		52		nitin	Cycloheximic	-
##		53	Cyclohexi		Puromyc	
##		54	Apicul		Rhizopod	· ·
##		55	Cerul		Apiculare	· -
##		56	Cheleryth		Chondramic	J
##		57	Chondra		Cerulen	T
##		58	Rhizop		Chelerythrin	
##	60	59	Cytochal	lasin	Cytochalasi	•
##			Amanitin		Anisomycin	Aphidicolin
##	2		Rapamycin		Neopeltolide	Apicidin
##	3		Apicidin		Myriaporone	Rapamycin
##	4	Α	lsterpaullone		Aphidicolin	Vioprolide
##	5		Vioprolide		Etoposide	Etoposide
##	6		Aphidicolin		PD169316	Emetine
##	7		SaframycinMx1		Apicidin	${ t SaframycinMx1}$
##	8		Colchicine		Cycloheximide	Alsterpaullone
##	9		Emetine		Rapamycin	Anisomycin
##			EpothiloneB	G	ephyronicAcidA	Amanitin
##	11		Velcade		Vioprolide	PD169316
##	12		Wortmannin		Alsterpaullone	Colchicine
##	13		ActinomycinD		Velcade	EpothiloneB
##	14		Vinblastin		Emetine	Neopeltolide
##	15		PD169316		MG132	Methotrexate
##	16		Etoposide		Methotrexate	Velcade
##	17		Anisomycin		Amanitin	${ t Myriaporone}$
##	18		Taxol		EpothiloneB	Vinblastin
##	19		TubulysinB		SaframycinMx1	Wortmannin
##	20		SB202190		Oligomycin	Soraphen
##	21		Nocodazol		Colchicine	Taxol
##	22	Po	dophyllotoxin		CruentarenA	SB202190
##	23		MG132		Vinblastin	${ t ActinomycinD}$
##	24		SB203580		Doxorubicin	SB203580
##	25		Oxamflatin		Soraphen	${ t RatjadonC}$
##	26		Griseofulvin		RatjadonC	GephyronicAcidA
##	27		Soraphen		SB203580	Podophyllotoxin

##	00	Datiadan C	LY294002	T
##		RatjadonC Cycloheximide	SB202190	TubulysinB Cycloheximide
##		Myriaporone	Taxol	MG132
##		Neopeltolide	MyxothiazolA	
##		Methotrexate	•	Oligomycin Griseofulvin
	33		Podophyllotoxin Griseofulvin	Doxorubicin
##		Oligomycin		
##		MyxothiazolA Doxorubicin	TubulysinB	CruentarenA
	36		ActinomycinD Nocodazol	Oxamflatin
	37	GephyronicAcidA CruentarenA		Nocodazol
			Oxamflatin	MyxothiazolA
	38	Camptothecin	Wortmannin	LY294002
##		Indirubin3monoxime	H89	Camptothecin
##		LY294002	CCCP	ArgyrinA
##		ArgyrinA	A23187	Scriptaid
##		Scriptaid	Camptothecin	CCCP
##		Rhizopodin	Scriptaid	Н89
##		Н89		Indirubin3monoxime
##		CCCP	ArgyrinA	A23187
##		ArchazolidB	PurvalanolA	OkadaicAcid
##		A23187	OkadaicAcid	PurvalanolA
##		ChondramidC	Trichostatin	Trichostatin
##		OkadaicAcid	ChondramidC	ArchazolidB
##		PurvalanolA	Cytochalasin	ChondramidC
##		Staurosporine	Puromycin	Staurosporine
##		Trichostatin	ArchazolidB	Mevastatin
##		Mevastatin	Staurosporine	Rhizopodin
##		Simvastatin	Mevastatin	Puromycin
##		Puromycin	CyclosporinA	Simvastatin
##	56	${\tt CyclosporinA}$	Rhizopodin	CyclosporinA
##	57	Cytochalasin	Simvastatin	Cytochalasin
##	58	Apicularen	Apicularen	Apicularen
##	59	Cerulenin	Cerulenin	Cerulenin
##	60	Chelerythrine	Chelerythrine	Chelerythrine
##		Apicidin	Apicularen	ArchazolidB
##	_	Aphidicolin	Cerulenin	Staurosporine
##	3	Rapamycin	Chelerythrine	Mevastatin
##	4	Amanitin	Simvastatin	Simvastatin
##	5	Alsterpaullone	Mevastatin	ArgyrinA
##	6	Vioprolide	Staurosporine	TubulysinB
##	7	Colchicine	${ t CyclosporinA}$	${ t ActinomycinD}$
##	8	${\tt SaframycinMx1}$	Trichostatin	Taxol
##	9	Etoposide	ArchazolidB	Griseofulvin
##	10	Anisomycin	OkadaicAcid	Camptothecin
##	11	Emetine	${\tt ArgyrinA}$	Nocodazol
##	12	EpothiloneB	Camptothecin	Trichostatin
##	13	Podophyllotoxin	Puromycin	Oxamflatin
##	14	PD169316	Scriptaid	${\tt Indirubin3monoxime}$
##	15	Velcade	PurvalanolA	OkadaicAcid
##	16	Wortmannin	${\tt Indirubin3monoxime}$	SB202190
##	17	Myriaporone	A23187	Soraphen
##	18	Cycloheximide	Griseofulvin	Vinblastin
##	19	Neopeltolide	${ t MyxothiazolA}$	SB203580
##	20	Methotrexate	TubulysinB	${\tt SaframycinMx1}$
##	21	Vinblastin	CCCP	Scriptaid

##		ActinomycinD	Oxamflatin	RatjadonC
##		Taxol	Soraphen	MyxothiazolA
##		TubulysinB	ActinomycinD	Emetine
	25	SB202190	Doxorubicin	Wortmannin
	26	SB203580	Taxol	EpothiloneB
##		Soraphen	RatjadonC	Doxorubicin
	28	Nocodazol	SB203580	Colchicine
	29	RatjadonC	SB202190	Oligomycin
	30	MG132	Oligomycin	A23187
	31	GephyronicAcidA	Nocodazol	PurvalanolA
##		Oxamflatin	CruentarenA	CyclosporinA
##		Griseofulvin	Vinblastin	CruentarenA
##		Oligomycin	Emetine	Methotrexate
##		CruentarenA	SaframycinMx1	CCCP
##		Doxorubicin	Methotrexate	Rapamycin
##		MyxothiazolA	Wortmannin	Podophyllotoxin
##		LY294002	EpothiloneB	PD169316
##		Camptothecin	Colchicine	Vioprolide
##		H89	PD169316	Velcade
##		CCCP	Velcade	Apicularen
##		ArgyrinA	MG132	Etoposide
##		Scriptaid	Etoposide	Aphidicolin
##		Indirubin3monoxime	H89	Amanitin
##		A23187	GephyronicAcidA	MG132
##		ChondramidC	Neopeltolide	Alsterpaullone
## ##		OkadaicAcid	Podophyllotoxin LY294002	Apicidin
##		Rhizopodin ArchazolidB		Puromycin Cerulenin
			Vioprolide	
##		Trichostatin	Rapamycin	Neopeltolide
## ##		PurvalanolA	Aphidicolin	GephyronicAcidA
##		Staurosporine Mevastatin	Alsterpaullone Amanitin	Chelerythrine H89
##				LY294002
##		Cytochalasin Simvastatin	Apicidin	Anisomycin
##		Puromycin	Myriaporone Anisomycin	Myriaporone
##		CyclosporinA	Cycloheximide	Cycloheximide
##		Apicularen	Rhizopodin	Rhizopodin
##		Cerulenin	ChondramidC	ChondramidC
##		Chelerythrine	Cytochalasin	Cytochalasin
##	00	ArgyrinA	Camptothecin	CCCP
##	2	Camptothecin	ArgyrinA	Oligomycin
##		OkadaicAcid	OkadaicAcid	MyxothiazolA
##		Trichostatin	Soraphen	CruentarenA
##		Griseofulvin	Doxorubicin	Doxorubicin
##		Soraphen	Trichostatin	Scriptaid
	7	Doxorubicin	RatjadonC	PurvalanolA
##		Taxol	MyxothiazolA	Soraphen
##		TubulysinB	Griseofulvin	A23187
	10	MyxothiazolA	SB203580	Puromycin
##	11	RatjadonC	Scriptaid	Neopeltolide
	12	Scriptaid	Oligomycin	Trichostatin
	13	Mevastatin	SB202190	Camptothecin
	14	ActinomycinD	Taxol	GephyronicAcidA
		Indirubin3monoxime	TubulysinB	RatjadonC
			 - -	

##		Staurosporine	CruentarenA	Oxamflatin
	17	SB203580	ActinomycinD	MG132
##	18	SB202190	Oxamflatin	Griseofulvin
##	19	Oligomycin	Methotrexate	ArgyrinA
##	20	Oxamflatin	Emetine	Emetine
	21	CruentarenA	PurvalanolA	Velcade
	22	PurvalanolA	Mevastatin	SB202190
	23		Indirubin3monoxime	Etoposide
	24	Vinblastin	Vinblastin	CyclosporinA
##	25	Emetine	CCCP	Taxol
##	26	Nocodazol	Staurosporine	H89
	27	Simvastatin	SaframycinMx1	SB203580
	28	Methotrexate	Etoposide	PD169316
##	29	CCCP	A23187	OkadaicAcid
	30	A23187	Nocodazol	Methotrexate
	31	SaframycinMx1		Indirubin3monoxime
##		CyclosporinA	ArchazolidB	TubulysinB
##		EpothiloneB	PD169316	ActinomycinD
##		Etoposide	CyclosporinA	Vinblastin
##		Wortmannin	EpothiloneB	SaframycinMx1
##		PD169316	Wortmannin	LY294002
##		Colchicine	GephyronicAcidA	Nocodazol
##		Puromycin	Neopeltolide	Vioprolide
##		Neopeltolide	Velcade	Colchicine
##		Velcade	Puromycin	Mevastatin
##		${\tt GephyronicAcidA}$	Vioprolide	Myriaporone
##		Vioprolide	Colchicine	EpothiloneB
##		Rapamycin	MG132	Aphidicolin
##		MG132	Rapamycin	Anisomycin
##		Aphidicolin	Aphidicolin	Simvastatin
##		LY294002	LY294002	Rapamycin
##		Podophyllotoxin	Podophyllotoxin	Staurosporine
##		Н89	Apicidin	Podophyllotoxin
##		Apicidin	Alsterpaullone	Wortmannin
##		Alsterpaullone	Myriaporone	Apicidin
	51	Anisomycin	Anisomycin	ArchazolidB
##		Myriaporone	H89	Alsterpaullone
##		Amanitin	Amanitin	Amanitin
	54	Apicularen	Cycloheximide	Cycloheximide
##		Cycloheximide	Apicularen	Apicularen
	56	Cerulenin	Cerulenin	Cerulenin
	57	Chelerythrine	Chelerythrine	Chelerythrine
##		Rhizopodin	ChondramidC	ChondramidC
##		ChondramidC	Rhizopodin	Rhizopodin
##	60	Cytochalasin	Cytochalasin	Cytochalasin
##		Cerulenin	Chelerythrine	ChondramidC
##		Apicularen	Cerulenin	Rhizopodin
##		Chelerythrine	Apicularen	Apicidin
##		Simvastatin	Simvastatin	Cytochalasin
##		Staurosporine	Staurosporine	Cycloheximide
##		Mevastatin	Mevastatin	Aphidicolin
##		ArchazolidB	ArchazolidB	Amanitin
##		CyclosporinA	Trichostatin	Anisomycin
##	9	Trichostatin	CyclosporinA	Alsterpaullone

##	10	ArgyrinA	OkadaicAcid	EnothilonoP
##	11	OkadaicAcid	ArgyrinA	EpothiloneB Rapamycin
##	12	Camptothecin	Camptothecin	Podophyllotoxin
##	13	Indirubin3monoxime	Scriptaid	Wortmannin
##	14		Indirubin3monoxime	
##	15		PurvalanolA	Myriaporone
##	16	Puromycin		Vioprolide
##	17	Scriptaid Griseofulvin	TubulysinB	Etoposide Colchicine
##	18		Puromycin	
##	19	TubulysinB A23187	ActinomycinD Griseofulvin	SaframycinMx1 Methotrexate
	20		Griseoruivin Taxol	
##	21	MyxothiazolA	Oxamflatin	Emetine
##		Taxol		Vinblastin
##	22	ActinomycinD	MyxothiazolA	Neopeltolide
##	23	Oxamflatin	Nocodazol	PD169316
##	24	CCCP	Soraphen	LY294002
##	25	Soraphen	RatjadonC	Nocodazol
##	26	Nocodazol	SB202190	GephyronicAcidA
##	27	Doxorubicin	A23187	Velcade
##	28	RatjadonC	SB203580	Taxol
##	29	SB202190	Doxorubicin	TubulysinB
	30	SB203580	CCCP	ActinomycinD
	31	Vinblastin	Vinblastin	${ t RatjadonC}$
	32	Oligomycin	Wortmannin	SB203580
##	33	CruentarenA	Oligomycin	SB202190
##	34	Emetine	${ t SaframycinMx1}$	Soraphen
##	35	${\tt SaframycinMx1}$	Emetine	Griseofulvin
##	36	Wortmannin	${\tt CruentarenA}$	MG132
##	37	EpothiloneB	EpothiloneB	Oligomycin
##	38	Methotrexate	Colchicine	Doxorubicin
##	39	Colchicine	Methotrexate	CruentarenA
##	40	Н89	Velcade	Oxamflatin
##	41	Velcade	Podophyllotoxin	${ t MyxothiazolA}$
##	42	PD169316	MG132	Camptothecin
##	43	MG132	PD169316	Н89
##	44	Etoposide	Etoposide	ArgyrinA
##	45	Podophyllotoxin	Vioprolide	OkadaicAcid
##	46	LY294002	Rapamycin	Indirubin3monoxime
##	47	Vioprolide	Н89	CCCP
##	48	Rapamycin	LY294002	ArchazolidB
##	49	Neopeltolide	Neopeltolide	A23187
##	50	GephyronicAcidA	Aphidicolin	Scriptaid
##	51	Aphidicolin	GephyronicAcidA	Trichostatin
##	52	Amanitin	Amanitin	PurvalanolA
##	53	Alsterpaullone	Alsterpaullone	Staurosporine
##	54	Apicidin	Apicidin	Mevastatin
##	55	Anisomycin	Myriaporone	Simvastatin
##		Myriaporone	Anisomycin	Puromycin
##		Cycloheximide	Cycloheximide	CyclosporinA
##		Rhizopodin	Rhizopodin	Apicularen
##		ChondramidC	ChondramidC	Cerulenin
##		Cytochalasin	Cytochalasin	Chelerythrine
##	55	Colchicine	CruentarenA	Cycloheximide
##	2	Podophyllotoxin	Oligomycin	Myriaporone
##		Emetine	Doxorubicin	Anisomycin
##	J	Emecine	POYOURDICIU	AIIISOMYCIII

##	_	SaframycinMx1	MyxothiazolA	Aphidicolin
##		Nocodazol	Soraphen	Apicidin
##	6	Apicidin	${ t GephyronicAcidA}$	Neopeltolide
##	7	EpothiloneB	RatjadonC	Etoposide
##	8	${\tt ActinomycinD}$	Neopeltolide	Vioprolide
##	9	Aphidicolin	CCCP	${ t GephyronicAcidA}$
##	10	Taxol	Etoposide	Rapamycin
##	11	Vinblastin	SB202190	Velcade
##	12	Rapamycin	SB203580	Alsterpaullone
##	13	TubulysinB	Emetine	MG132
##	14	Amanitin	MG132	PD169316
##	15	Griseofulvin	Scriptaid	Amanitin
##	16	Etoposide	Velcade	Methotrexate
##	17	Vioprolide	Methotrexate	Emetine
##	18	Oxamflatin	Oxamflatin	EpothiloneB
##	19	Soraphen	PD169316	${\tt SaframycinMx1}$
##	20	SB202190	Camptothecin	LY294002
##	21	Wortmannin	Griseofulvin	CruentarenA
##		PD169316	Taxol	Oligomycin
##	23	SB203580	PurvalanolA	${ t RatjadonC}$
##		Alsterpaullone	Vioprolide	Colchicine
##	25	${ t RatjadonC}$	TubulysinB	Wortmannin
##	26	Methotrexate	ArgyrinA	Soraphen
##	27	${ t MyxothiazolA}$	${\tt ActinomycinD}$	Doxorubicin
##	28	Velcade	${ t SaframycinMx1}$	Podophyllotoxin
##	29	Oligomycin	A23187	Vinblastin
##	30	Anisomycin	Myriaporone	SB202190
##	31	Doxorubicin	OkadaicAcid	SB203580
##	32	Neopeltolide	Trichostatin	${ t MyxothiazolA}$
##	33	${\tt CruentarenA}$	Vinblastin	Cytochalasin
##	34	MG132	Aphidicolin	Taxol
##	35	Camptothecin	Rapamycin	ActinomycinD
##	36	ArgyrinA	Anisomycin	TubulysinB
##	37	${\tt GephyronicAcidA}$	EpothiloneB	Griseofulvin
##	38	${\tt Indirubin3monoxime}$	Puromycin	Oxamflatin
##	39	Scriptaid	${\tt Indirubin3monoxime}$	Н89
##	40	Myriaporone	Nocodazol	Nocodazol
##	41	Н89	Colchicine	CCCP
##	42	CCCP	LY294002	${\tt ChondramidC}$
##	43	LY294002	Wortmannin	Camptothecin
##	44	ArchazolidB	Apicidin	Scriptaid
##	45	A23187	Alsterpaullone	PurvalanolA
##	46	Cycloheximide	${\tt CyclosporinA}$	ArgyrinA
##	47	OkadaicAcid	H89	A23187
##	48	Trichostatin	Mevastatin	OkadaicAcid
##	49	Staurosporine	Podophyllotoxin	${\tt Indirubin3monoxime}$
##	50	PurvalanolA	Amanitin	Rhizopodin
##	51	Mevastatin	Cycloheximide	Trichostatin
##	52	Simvastatin	Simvastatin	Puromycin
##	53	Rhizopodin	Staurosporine	ArchazolidB
##	54	${\tt CyclosporinA}$	${\tt ArchazolidB}$	${\tt CyclosporinA}$
##	55	Puromycin	Apicularen	Mevastatin
##	56	${\tt ChondramidC}$	${\tt ChondramidC}$	Staurosporine
##	57	Cytochalasin	Rhizopodin	Simvastatin

##		Apicularen	Cerulenin	Apicularen
##		Cerulenin	Cytochalasin	Cerulenin
##	60	Chelerythrine	Chelerythrine	Chelerythrine
##	0	CyclosporinA	Cytochalasin	Doxorubicin
	2	Puromycin	Cycloheximide	Oligomycin
##	3	Trichostatin	ChondramidC	CruentarenA
##	_	PurvalanolA	Myriaporone	Soraphen
##	5	Simvastatin	Anisomycin	MyxothiazolA
##	6	Mevastatin	Apicidin	RatjadonC
##	7	Scriptaid	Aphidicolin	Camptothecin
##	8	OkadaicAcid	Neopeltolide	SB203580
##	9	Camptothecin	Etoposide	SB202190
##	10	ArgyrinA	Alsterpaullone	Emetine
##	11	CCCP	GephyronicAcidA	Griseofulvin
##	12	A23187	Rapamycin	Methotrexate
	13	MyxothiazolA	Vioprolide	Scriptaid
##	14	Staurosporine	Amanitin	Etoposide
##	15	Doxorubicin	LY294002	Oxamflatin
##	16	CruentarenA	Methotrexate	Taxol
	17	Oligomycin	Velcade	Neopeltolide
##	18	Soraphen	Rhizopodin	CCCP
##	19	Indirubin3monoxime	EpothiloneB	${\tt GephyronicAcidA}$
	20	Oxamflatin	PD169316	ArgyrinA
##		RatjadonC	Podophyllotoxin	PD169316
##		SB203580	MG132	TubulysinB
##		SB202190	Emetine	ActinomycinD
##		Griseofulvin	Colchicine	Velcade
##		ArchazolidB	Wortmannin	PurvalanolA
##		Taxol	${\tt SaframycinMx1}$	MG132
##		TubulysinB	CruentarenA	OkadaicAcid
##		Apicularen	Oligomycin	${\tt SaframycinMx1}$
##		${\tt ActinomycinD}$	RatjadonC	Vinblastin
##		Emetine	Vinblastin	Trichostatin
##		Methotrexate	Doxorubicin	Vioprolide
##		${ t GephyronicAcidA}$	Soraphen	A23187
##		MG132	SB203580	EpothiloneB
	34	Velcade	SB202190	Aphidicolin
	35	Neopeltolide	Н89	Rapamycin
##		PD169316		Indirubin3monoxime
	37	Vinblastin	${ t MyxothiazolA}$	Nocodazol
##		Etoposide	ActinomycinD	Myriaporone
##	39	Nocodazol	TubulysinB	Wortmannin
##	40	${\tt SaframycinMx1}$	Nocodazol	Colchicine
##		Н89	Griseofulvin	LY294002
	42	Cerulenin	Oxamflatin	Anisomycin
##	43	Vioprolide	CCCP	Puromycin
	44	EpothiloneB	Camptothecin	${ t CyclosporinA}$
##	45	Wortmannin	A23187	Apicidin
##	46	LY294002	Scriptaid	Mevastatin
##	47	Colchicine	ArgyrinA	Alsterpaullone
##	48	Rapamycin	OkadaicAcid	Н89
##	49	Aphidicolin	PurvalanolA	Podophyllotoxin
	50		${\tt Indirubin3monoxime}$	Staurosporine
##	51	Anisomycin	Trichostatin	Simvastatin

##	52	Alsterpaullone	Puromycin	ArchazolidB
##	53	Podophyllotoxin	${\tt ArchazolidB}$	Amanitin
##	54	Apicidin	${ t CyclosporinA}$	Cycloheximide
##	55	Chelerythrine	Mevastatin	Apicularen
##	56	Amanitin	Staurosporine	${\tt ChondramidC}$
##	57	Cycloheximide	Simvastatin	Cerulenin
##	58	${\tt ChondramidC}$	Apicularen	Rhizopodin
##	59	Rhizopodin	Cerulenin	Cytochalasin
##	60	Cytochalasin	Chelerythrine	Chelerythrine
##		Emetine	EpothiloneB	Etoposide
##	2	${\tt SaframycinMx1}$	Vinblastin	Neopeltolide
##	3	Taxol	Nocodazol	Aphidicolin
##	4	${\tt ActinomycinD}$	Emetine	Methotrexate
##	5	Soraphen	Taxol	${\tt GephyronicAcidA}$
##	6	TubulysinB	${ t SaframycinMx1}$	Emetine
##	7	SB202190	TubulysinB	PD169316
##	8	${ t RatjadonC}$	Wortmannin	Vioprolide
##	9	Griseofulvin	Colchicine	Oligomycin
##	10	SB203580	${ t ActinomycinD}$	Rapamycin
##	11	Etoposide	Aphidicolin	${\tt CruentarenA}$
##	12	Rapamycin	Rapamycin	Doxorubicin
##	13	Vinblastin	${ t RatjadonC}$	Myriaporone
##	14	Oxamflatin	Griseofulvin	Soraphen
	15	Colchicine	Soraphen	Anisomycin
##	16	Aphidicolin	Apicidin	${ t RatjadonC}$
##	17	Vioprolide	Etoposide	${\tt SaframycinMx1}$
##	18	${ t MyxothiazolA}$	Methotrexate	Apicidin
##	19	EpothiloneB	Vioprolide	Velcade
##		Oligomycin	Podophyllotoxin	SB203580
##		Doxorubicin	SB203580	SB202190
##		PD169316	SB202190	MyxothiazolA
##		Velcade	Amanitin	MG132
##		Nocodazol	PD169316	Taxol
##		Methotrexate	${ t MyxothiazolA}$	EpothiloneB
##		CruentarenA	Doxorubicin	Vinblastin
##		Neopeltolide	Velcade	Colchicine
	28	Apicidin	Oligomycin	Griseofulvin
	29	Wortmannin	Neopeltolide	ActinomycinD
	30	MG132	Anisomycin	Oxamflatin
	31	Camptothecin	Oxamflatin	TubulysinB
	32	Alsterpaullone	Alsterpaullone	Alsterpaullone
	33	Amanitin	CruentarenA	Wortmannin
	34	GephyronicAcidA	Camptothecin	Camptothecin
	35	Podophyllotoxin	ArgyrinA	LY294002
	36	ArgyrinA	LY294002	Podophyllotoxin
	37	Anisomycin	GephyronicAcidA	Cycloheximide
	38	Scriptaid	MG132	Amanitin
##		CCCP	Myriaporone	Nocodazol
##		Myriaporone		CCCP
	41	Indirubin3monoxime	OkadaicAcid	Scriptaid
	42	A23187	CCCP	ArgyrinA
	43	OkadaicAcid	ArchazolidB	A23187
	44	LY294002	Cycloheximide	H89
##	45	Trichostatin	Scriptaid	OkadaicAcid

##	46	PurvalanolA	Н89	Indirubin3monoxime
	47	ArchazolidB	Trichostatin	PurvalanolA
	48	Н89	A23187	Trichostatin
##	49	Cycloheximide	Staurosporine	Puromycin
##	50	Staurosporine	PurvalanolA	ArchazolidB
##	51	Mevastatin	Mevastatin	Mevastatin
##	52	Simvastatin	Simvastatin	Staurosporine
##	53	Puromycin	CyclosporinA	CyclosporinA
##	54	CyclosporinA	ChondramidC	Simvastatin
##	55	Rhizopodin	Puromycin	ChondramidC
##	56	ChondramidC	Rhizopodin	Rhizopodin
##	57	Apicularen	Cytochalasin	Cytochalasin
##	58	Cytochalasin	Apicularen	Apicularen
##	59	Cerulenin	Cerulenin	Cerulenin
##	60	Chelerythrine	Chelerythrine	Chelerythrine
##		GephyronicAcidA	Griseofulvin	Н89
##	2	Neopeltolide	Taxol	LY294002
##	3	Etoposide	TubulysinB	CCCP
##	4	CruentarenA	Vinblastin	Oligomycin
##	5	Myriaporone	ActinomycinD	Vinblastin
##	6	Oligomycin	Soraphen	Neopeltolide
##	7	Doxorubicin	Nocodazol	CruentarenA
##	8	PD169316	Emetine	MG132
##	9	Methotrexate	RatjadonC	Griseofulvin
##	10	MG132	MyxothiazolA	Etoposide
##	11	Velcade	SB203580	MyxothiazolA
##	12	Anisomycin	SB202190	Doxorubicin
##	13	Soraphen	ArgyrinA	Nocodazol
##	14	MyxothiazolA	Oxamflatin	Emetine
##	15	RatjadonC	Doxorubicin	Taxol
##	16	Vioprolide	SaframycinMx1	Colchicine
##	17	Emetine	Camptothecin	${\tt GephyronicAcidA}$
##	18	Aphidicolin	Oligomycin	Podophyllotoxin
##	19	SB203580	${\tt Indirubin3monoxime}$	PD169316
##	20	SB202190	EpothiloneB	Velcade
##	21	CCCP	${\tt CruentarenA}$	
##	22	Rapamycin	PD169316	Anisomycin
##	23	Cycloheximide	Colchicine	Soraphen
##	24	Oxamflatin	Scriptaid	Scriptaid
##	25	${\tt SaframycinMx1}$	Wortmannin	Vioprolide
	26	LY294002	Rapamycin	Oxamflatin
	27	Camptothecin	Etoposide	RatjadonC
	28	Griseofulvin	Vioprolide	Aphidicolin
	29	Apicidin	Methotrexate	Myriaporone
##		Taxol	Velcade	EpothiloneB
##		Scriptaid	Aphidicolin	PurvalanolA
	32	Alsterpaullone	MG132	Rapamycin
	33	Vinblastin	OkadaicAcid	ActinomycinD
	34	EpothiloneB	PurvalanolA	SaframycinMx1
	35	TubulysinB	ArchazolidB	TubulysinB
	36	ActinomycinD	CCCP	ArgyrinA
	37	PurvalanolA	Neopeltolide	Methotrexate
	38	A23187	Trichostatin	Camptothecin
π#	39	Colchicine	Staurosporine	A23187

##		ArgyrinA	A23187	Apicidin
##		Wortmannin	Podophyllotoxin	SB202190
##		OkadaicAcid	GephyronicAcidA	SB203580
##		H89	Mevastatin	Trichostatin
##		Nocodazol	Apicidin LY294002	Wortmannin
##		Amanitin		Amanitin
## ##		Podophyllotoxin Trichostatin	Amanitin	Cycloheximide
##			Alsterpaullone	Puromycin OkadaicAcid
##		Indirubin3monoxime	H89	
##		Puromycin	Anisomycin	Alsterpaullone
##		CyclosporinA Mevastatin	Simvastatin	Staurosporine
	52		Myriaporone	CyclosporinA Mevastatin
		Staurosporine	CyclosporinA	
##		Simvastatin	Puromycin	ArchazolidB
	54	ArchazolidB	Cycloheximide	Simvastatin
##		ChondramidC	Apicularen	Rhizopodin
	56	Cytochalasin	Rhizopodin	ChondramidC
##		Rhizopodin	Cerulenin	Apicularen
	58	Apicularen	ChondramidC	Cytochalasin
	59	Cerulenin	Chelerythrine	Cerulenin
	60	Chelerythrine	Cytochalasin	Chelerythrine
##	_	Indirubin3monoxime	LY294002	Methotrexate
##	_	Griseofulvin	H89	Etoposide
##	-	ArgyrinA	Neopeltolide	RatjadonC
##	_	A23187	Etoposide	Soraphen
##	-	Scriptaid	Vinblastin	Doxorubicin
##	_	Taxol	EpothiloneB	Emetine
	7	Nocodazol	GephyronicAcidA	Neopeltolide
##	-	Camptothecin	Methotrexate	Oligomycin
##	-	TubulysinB	Doxorubicin	SB203580
	10	Vinblastin	Myriaporone	CruentarenA
	11	ActinomycinD	Oligomycin	GephyronicAcidA
	12	Oxamflatin	Anisomycin	Aphidicolin
	13	Soraphen	Griseofulvin	SB202190
	14	MyxothiazolA	CruentarenA	Camptothecin
	15	Staurosporine	RatjadonC	MyxothiazolA
##		Doxorubicin	Emetine	SaframycinMx1
	17	SB203580	Taxol	EpothiloneB
	18	SB202190	Aphidicolin	Taxol
##	19	Emetine	Soraphen	PD169316
	20	Oligomycin	Nocodazol	TubulysinB
	21	PD169316	MyxothiazolA	ActinomycinD
	22	Trichostatin	Podophyllotoxin	Griseofulvin
	23	PurvalanolA	PD169316	Rapamycin
	24	RatjadonC	CCCP	Vioprolide
	25	Mevastatin	Vioprolide	Vinblastin
##	26	ArchazolidB	Rapamycin	Wortmannin
	27	CruentarenA	Velcade	Myriaporone
##	28	CCCP	Colchicine	OkadaicAcid
	29	SaframycinMx1	MG132	Apicidin
	30	OkadaicAcid	Wortmannin	ArgyrinA
	31	Simvastatin	Camptothecin	Velcade
	32	Colchicine	TubulysinB	Oxamflatin
##	33	EpothiloneB	SaframycinMx1	Anisomycin

##		Etoposide	Apicidin	Colchicine
##		Methotrexate	ArgyrinA	Podophyllotoxin
##		MG132	Cycloheximide	Alsterpaullone
##		Rapamycin	ActinomycinD	Nocodazol
##		CyclosporinA	SB203580	MG132
##		Vioprolide	SB202190	LY294002
##			Indirubin3monoxime	Scriptaid
##		H89	PurvalanolA	CCCP
##		Neopeltolide	Oxamflatin	Trichostatin
##		GephyronicAcidA	OkadaicAcid	Cycloheximide
##		Aphidicolin LY294002	Scriptaid	Amanitin
##			Amanitin	A23187
##		Puromycin	Trichostatin	PurvalanolA
##		Wortmannin	A23187	Indirubin3monoxime
##		Podophyllotoxin	Alsterpaullone	Н89
##		Anisomycin	Puromycin	Mevastatin
##		Alsterpaullone	Staurosporine	ArchazolidB
##		Apicidin	ArchazolidB	Puromycin
##		Amanitin	CyclosporinA	Staurosporine
##		Myriaporone	Mevastatin	CyclosporinA
##		Apicularen	Simvastatin	Simvastatin
##		Cycloheximide	ChondramidC	ChondramidC
##		Cerulenin	Cytochalasin	Rhizopodin
##		Chelerythrine	Rhizopodin	Cytochalasin
##		Rhizopodin	Apicularen	Apicularen
##		ChondramidC	Cerulenin	Cerulenin
##	60	Cytochalasin	Chelerythrine	Chelerythrine
##	0	Mevastatin	MG132	Myriaporone
##	_	Simvastatin	Velcade	Neopeltolide
##		Staurosporine	Vioprolide	Cycloheximide
##	_	Trichostatin	Oligomycin	GephyronicAcidA
## ##		ArchazolidB	CruentarenA PD169316	Anisomycin
##		ArgyrinA OkadaicAcid		Etoposide
##			Neopeltolide	Aphidicolin
##		Camptothecin	GephyronicAcidA	Vioprolide Velcade
##		Scriptaid	MyxothiazolA Doxorubicin	MG132
	11	CyclosporinA PurvalanolA	Etoposide	PD169316
		Indirubin3monoxime	Emetine	
##	13	Oxamflatin	SB202190	Rapamycin Methotrexate
	14	Griseofulvin	Oxamflatin	Apicidin
	15	MyxothiazolA	Soraphen	CruentarenA
##	16	TubulysinB	Rapamycin	
##	17	ActinomycinD	Myriaporone	Oligomycin Emetine
##	18	Soraphen	SB203580	Doxorubicin
##	19	Taxol	RatjadonC	Alsterpaullone
##	20	SB202190	Aphidicolin	RatjadonC
##	21	Doxorubicin	SaframycinMx1	Soraphen
	22	SB203580	CCCP	LY294002
	23	A23187	Griseofulvin	SaframycinMx1
	24	RatjadonC	Anisomycin	MyxothiazolA
##		Puromycin	Taxol	SB203580
##		Apicularen	ActinomycinD	SB203300 SB202190
	27	Oligomycin	Vinblastin	EpothiloneB
σ π	-1	GIIgomyCIII	VIIIDIGS CIII	Phocurronep

##	28	CCCP	Scriptaid	Amanitin
##		CruentarenA	Alsterpaullone	Vinblastin
##		Nocodazol	TubulysinB	Wortmannin
##		Emetine	PurvalanolA	Taxol
##		Vinblastin	Methotrexate	Colchicine
##		SaframycinMx1	Apicidin	Griseofulvin
##		Methotrexate	Amanitin	Oxamflatin
##		Wortmannin	Colchicine	CCCP
##	36	Cerulenin	EpothiloneB	ActinomycinD
##	37	EpothiloneB	Camptothecin	TubulysinB
##	38	PD169316	Nocodazol	Podophyllotoxin
##	39	Velcade	Cycloheximide	Н89
##	40	Colchicine	A23187	Camptothecin
##	41	MG132	Wortmannin	Nocodazol
##	42	Etoposide	H89	Scriptaid
##	43	Vioprolide	ArgyrinA	PurvalanolA
##	44	Rapamycin	${\tt Indirubin3monoxime}$	ArgyrinA
##	45	Neopeltolide	LY294002	A23187
##	46	GephyronicAcidA	Podophyllotoxin	OkadaicAcid
##	47	Chelerythrine	Puromycin	${\tt Indirubin3monoxime}$
##	48	Aphidicolin	Trichostatin	Trichostatin
##	49	Podophyllotoxin	OkadaicAcid	Puromycin
##	50	Н89	CyclosporinA	Cytochalasin
##	51	Alsterpaullone	Mevastatin	${\tt ChondramidC}$
##	52	LY294002	Staurosporine	CyclosporinA
##	53	Amanitin	ArchazolidB	Mevastatin
##	54	Apicidin	Simvastatin	${\tt ArchazolidB}$
##	55	Myriaporone	${\tt ChondramidC}$	Staurosporine
##	56	Anisomycin	Rhizopodin	Simvastatin
##	57	Cycloheximide	Cytochalasin	Rhizopodin
##	58	Rhizopodin	Apicularen	Apicularen
##		ChondramidC	Cerulenin	Cerulenin
##	60	Cytochalasin	Chelerythrine	Chelerythrine
##		${ t MyxothiazolA}$	Neopeltolide	Nocodazol
##	_	Oligomycin	${\tt GephyronicAcidA}$	Vinblastin
	3	Doxorubicin	Etoposide	Taxol
##	_	CruentarenA	Myriaporone	Griseofulvin
##		Soraphen	CruentarenA	TubulysinB
##		RatjadonC	Oligomycin	${\tt ActinomycinD}$
##		SB202190	Anisomycin	EpothiloneB
##		Oxamflatin	PD169316	Emetine
##		CCCP	Doxorubicin	Colchicine
##		SB203580	Methotrexate	SaframycinMx1
	11	Emetine	Velcade	Soraphen
	12	Griseofulvin	MG132	RatjadonC
##	13	Camptothecin	Emetine	Oxamflatin
##	14	Scriptaid	Aphidicolin	Wortmannin
##	15	Taxol	MyxothiazolA	Rapamycin
##	16	TubulysinB		Indirubin3monoxime
##	17	ActinomycinD	Soraphen	SB202190
##	18	ArgyrinA	RatjadonC	SB203580
	19	Velcade	Rapamycin	Podophyllotoxin
##		MG132	SB203580	MyxothiazolA
##	21	Neopeltolide	SB202190	ArgyrinA

##	22	PurvalanolA	CCCP	Vioprolide
##		SaframycinMx1	Apicidin	Doxorubicin
##		Etoposide	SaframycinMx1	Aphidicolin
##	25	PD169316	Cycloheximide	Camptothecin
##	26	Methotrexate	LY294002	PD169316
	27	GephyronicAcidA	Taxol	Oligomycin
	28	Trichostatin	EpothiloneB	Etoposide
	29	Vinblastin	Griseofulvin	ArchazolidB
	30	OkadaicAcid	Oxamflatin	Amanitin
	31	A23187	Vinblastin	Apicidin
	32	Vioprolide	Alsterpaullone	Velcade
	33	Nocodazol	Colchicine	Methotrexate
	34	EpothiloneB	TubulysinB	CruentarenA
##		Indirubin3monoxime	ActinomycinD	Scriptaid
	36	Rapamycin	Camptothecin	MG132
##		Colchicine	Scriptaid	Staurosporine
##		Aphidicolin	Nocodazol	Neopeltolide
##		Wortmannin	A23187	LY294002
##		Puromycin	H89	Alsterpaullone
##		Mevastatin	Wortmannin	CCCP
##		CyclosporinA	Podophyllotoxin	OkadaicAcid
##		Myriaporone	PurvalanolA	Anisomycin
##		Anisomycin	Amanitin	H89
##		Staurosporine	ArgyrinA	A23187
##		Apicidin	OkadaicAcid	Trichostatin
##		Alsterpaullone	Indirubin3monoxime	GephyronicAcidA
##		Simvastatin	Trichostatin	Mevastatin
##		LY294002	Puromycin	PurvalanolA
##		ArchazolidB	CyclosporinA	Myriaporone
##		H89	Mevastatin	Simvastatin
##		Podophyllotoxin	ArchazolidB	Cycloheximide
##		Amanitin	Staurosporine	CyclosporinA
##		Cycloheximide	Simvastatin	Puromycin
##		Apicularen	ChondramidC	Rhizopodin
##		Cerulenin	Cytochalasin	ChondramidC
##		ChondramidC	Rhizopodin	Apicularen
##		Rhizopodin	Apicularen	Cerulenin
##		Chelerythrine	Cerulenin	Chelerythrine
##		Cytochalasin	Chelerythrine	Cytochalasin
##	00	OkadaicAcid	Oligomycin	Oxamflatin
##	2	Camptothecin	CruentarenA	SB202190
##	_	ArgyrinA	Doxorubicin	ActinomycinD
##		Trichostatin	MyxothiazolA	Soraphen
##		Doxorubicin	Soraphen	SB203580
##		Soraphen	RatjadonC	Emetine
	7	RatjadonC	CCCP	MyxothiazolA
##		Mevastatin	Neopeltolide	TubulysinB
##		MyxothiazolA	GephyronicAcidA	Taxol
##	10	Scriptaid	Emetine	SaframycinMx1
##	11	Oligomycin	SB202190	Griseofulvin
##	12	SB203580	SB202130 SB203580	Scriptaid
	13	Methotrexate	Etoposide	Oligomycin
##	14	CruentarenA	Oxamflatin	Doxorubicin
	15	Griseofulvin	Velcade	CruentarenA
ıππ	10	GI IBCOLUIVIII	vercade	Or demost env

##		TubulysinB	MG132	RatjadonC
	17	CyclosporinA	Scriptaid	Camptothecin
##	18	SB202190	Camptothecin	Velcade
##	19	Taxol	PD169316	PD169316
##	20	Simvastatin	Methotrexate	MG132
	21	Staurosporine	Griseofulvin	ArgyrinA
	22	PurvalanolA	Taxol	Vioprolide
	23	ActinomycinD	TubulysinB	Vinblastin
	24	Oxamflatin	ActinomycinD	Colchicine
##	25	CCCP	PurvalanolA	Rapamycin
##	26	Emetine	SaframycinMx1	Etoposide
	27	ArchazolidB	Vioprolide	Nocodazol
##	28	Indirubin3monoxime	ArgyrinA	A23187
##	29	Puromycin		Indirubin3monoxime
	30	A23187	A23187	CCCP
	31	Vinblastin	Aphidicolin	Trichostatin
##		SaframycinMx1	Rapamycin	Methotrexate
##		Etoposide	OkadaicAcid	Aphidicolin
##		Nocodazol	Trichostatin	Neopeltolide
##		EpothiloneB	Myriaporone	EpothiloneB
##		Wortmannin	EpothiloneB	PurvalanolA
##		${\tt GephyronicAcidA}$	Nocodazol	Wortmannin
##		Neopeltolide	Colchicine	OkadaicAcid
##	39	PD169316	${\tt Indirubin3monoxime}$	${ t GephyronicAcidA}$
##	40	Velcade	Anisomycin	Alsterpaullone
##	41	Colchicine	Wortmannin	ArchazolidB
##	42	Vioprolide	LY294002	Mevastatin
##	43	MG132	Puromycin	Amanitin
##	44	Aphidicolin	Apicidin	Staurosporine
##	45	Rapamycin	Alsterpaullone	Apicidin
##	46	LY294002	H89	Simvastatin
##	47	Podophyllotoxin	${\tt CyclosporinA}$	Podophyllotoxin
##	48	Myriaporone	Podophyllotoxin	Anisomycin
##	49	Apicidin	Mevastatin	Myriaporone
##	50	Alsterpaullone	Amanitin	${\tt CyclosporinA}$
##	51	Н89	Staurosporine	Н89
##	52	Anisomycin	Cycloheximide	Puromycin
##	53	Apicularen	Simvastatin	LY294002
##	54	Amanitin	ArchazolidB	Cycloheximide
##	55	Cycloheximide	Apicularen	Apicularen
##	56	Cerulenin	${\tt ChondramidC}$	Rhizopodin
##	57	Chelerythrine	Rhizopodin	Cerulenin
##	58	${\tt ChondramidC}$	Cerulenin	${\tt ChondramidC}$
##	59	Rhizopodin	Cytochalasin	Chelerythrine
##	60	Cytochalasin	Chelerythrine	Cytochalasin
##		PD169316	Podophyllotoxin	Puromycin
##	2	Etoposide	Colchicine	CyclosporinA
##	3	Vioprolide	EpothiloneB	PurvalanolA
##	4	SB203580	Apicidin	CCCP
##	5	Emetine	Emetine	Scriptaid
##	6	Rapamycin	Aphidicolin	Trichostatin
##	7	SB202190	Vinblastin	CruentarenA
##	8	Neopeltolide	Nocodazol	${ t MyxothiazolA}$
##	9	Velcade	SaframycinMx1	Doxorubicin

##	10	Oligomycin	Taxol	Oligomycin
##	11	MG132	Etoposide	OkadaicAcid
##	12	GephyronicAcidA	-	
##	13	- •	Rapamycin	Camptothecin A23187
##	14	Aphidicolin	ActinomycinD	
##	15	Soraphen	TubulysinB Wortmannin	ArgyrinA Simvastatin
	16	Anisomycin	wortmannin Griseofulvin	
##	17	CruentarenA Doxorubicin		Mevastatin
##	18		Amanitin	Soraphen
##	19	SaframycinMx1	Methotrexate	RatjadonC Oxamflatin
##		RatjadonC	Vioprolide	
##	20	MyxothiazolA	Soraphen	GephyronicAcidA
##	21	Alsterpaullone	Oxamflatin	SB203580
##	22	Oxamflatin	Anisomycin	SB202190
##	23	Griseofulvin	RatjadonC	MG132
##	24	Taxol		Indirubin3monoxime
##	25	Methotrexate	Neopeltolide	Griseofulvin
##	26	Vinblastin	PD169316	Neopeltolide
##	27	${\tt ActinomycinD}$	Doxorubicin	Staurosporine
##	28	TubulysinB	SB202190	Velcade
##	29	Myriaporone	SB203580	Taxol
##	30	Apicidin	Oligomycin	Methotrexate
##	31	Colchicine	${ t MyxothiazolA}$	PD169316
##	32	EpothiloneB	Alsterpaullone	Emetine
##	33	Amanitin	Velcade	TubulysinB
##	34	Nocodazol	Н89	Etoposide
##	35	A23187	CruentarenA	ActinomycinD
##	36	Scriptaid	Camptothecin	Н89
##	37	Camptothecin	ArgyrinA	Vinblastin
ππ	01	camptothecin	HIGHIIH	VIIDIASCIII
##		Indirubin3monoxime	GephyronicAcidA	SaframycinMx1
		=		
##	38 39	Indirubin3monoxime	GephyronicAcidA	SaframycinMx1
## ##	38 39 40	Indirubin3monoxime CCCP Wortmannin	GephyronicAcidA Myriaporone	SaframycinMx1 ArchazolidB
## ## ##	38 39 40 41	Indirubin3monoxime CCCP Wortmannin	GephyronicAcidA Myriaporone MG132	SaframycinMx1 ArchazolidB LY294002
## ## ## ##	38 39 40 41 42	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime	SaframycinMx1 ArchazolidB LY294002 Vioprolide
## ## ## ##	38 39 40 41 42 43	Indirubin3monoxime CCCP Wortmannin ArgyrinA	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone
## ## ## ## ## ##	38 39 40 41 42 43	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB
## ## ## ## ## ##	38 39 40 41 42 43 44	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide LY294002	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP Scriptaid	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB Rapamycin
## ## ## ## ## ##	38 39 40 41 42 43 44 45 46	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide LY294002 Podophyllotoxin	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP Scriptaid OkadaicAcid	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB
## ## ## ## ## ## ##	38 39 40 41 42 43 44 45 46	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide LY294002 Podophyllotoxin H89	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP Scriptaid OkadaicAcid ArchazolidB	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB Rapamycin Apicularen Wortmannin
## ## ## ## ## ## ##	38 39 40 41 42 43 44 45 46 47 48	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide LY294002 Podophyllotoxin H89 OkadaicAcid Trichostatin	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP Scriptaid OkadaicAcid ArchazolidB Trichostatin A23187	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB Rapamycin Apicularen
## ## ## ## ## ## ##	38 39 40 41 42 43 44 45 46 47 48	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide LY294002 Podophyllotoxin H89 OkadaicAcid	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP Scriptaid OkadaicAcid ArchazolidB Trichostatin	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB Rapamycin Apicularen Wortmannin Aphidicolin Colchicine
## ## ## ## ## ## ## ##	38 39 40 41 42 43 44 45 46 47 48 49 50	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide LY294002 Podophyllotoxin H89 OkadaicAcid Trichostatin Puromycin ArchazolidB	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP Scriptaid OkadaicAcid ArchazolidB Trichostatin A23187 Staurosporine PurvalanolA	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB Rapamycin Apicularen Wortmannin Aphidicolin Colchicine Anisomycin
## ## ## ## ## ## ## ##	38 39 40 41 42 43 44 45 46 47 48 49 50 51	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide LY294002 Podophyllotoxin H89 OkadaicAcid Trichostatin Puromycin	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP Scriptaid OkadaicAcid ArchazolidB Trichostatin A23187 Staurosporine	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB Rapamycin Apicularen Wortmannin Aphidicolin Colchicine Anisomycin Alsterpaullone
## ## ## ## ## ## ## ## ## ## ## ## ##	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide LY294002 Podophyllotoxin H89 OkadaicAcid Trichostatin Puromycin ArchazolidB Staurosporine Mevastatin	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP Scriptaid OkadaicAcid ArchazolidB Trichostatin A23187 Staurosporine PurvalanolA Rhizopodin Mevastatin	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB Rapamycin Apicularen Wortmannin Aphidicolin Colchicine Anisomycin Alsterpaullone Apicidin
## ## ## ## ## ## ## ## ## ## ## ## ##	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide LY294002 Podophyllotoxin H89 OkadaicAcid Trichostatin Puromycin ArchazolidB Staurosporine Mevastatin CyclosporinA	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP Scriptaid OkadaicAcid ArchazolidB Trichostatin A23187 Staurosporine PurvalanolA Rhizopodin Mevastatin ChondramidC	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB Rapamycin Apicularen Wortmannin Aphidicolin Colchicine Anisomycin Alsterpaullone Apicidin Podophyllotoxin
######################################	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide LY294002 Podophyllotoxin H89 OkadaicAcid Trichostatin Puromycin ArchazolidB Staurosporine Mevastatin CyclosporinA Simvastatin	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP Scriptaid OkadaicAcid ArchazolidB Trichostatin A23187 Staurosporine PurvalanolA Rhizopodin Mevastatin ChondramidC Simvastatin	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB Rapamycin Apicularen Wortmannin Aphidicolin Colchicine Anisomycin Alsterpaullone Apicidin Podophyllotoxin Cycloheximide
######################################	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide LY294002 Podophyllotoxin H89 OkadaicAcid Trichostatin Puromycin ArchazolidB Staurosporine Mevastatin CyclosporinA Simvastatin ChondramidC	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP Scriptaid OkadaicAcid ArchazolidB Trichostatin A23187 Staurosporine PurvalanolA Rhizopodin Mevastatin ChondramidC Simvastatin CyclosporinA	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB Rapamycin Apicularen Wortmannin Aphidicolin Colchicine Anisomycin Alsterpaullone Apicidin Podophyllotoxin Cycloheximide Amanitin
## ## ## ## ## ## ## ## ## ## ## ## ##	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide LY294002 Podophyllotoxin H89 OkadaicAcid Trichostatin Puromycin ArchazolidB Staurosporine Mevastatin CyclosporinA Simvastatin ChondramidC Rhizopodin	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP Scriptaid OkadaicAcid ArchazolidB Trichostatin A23187 Staurosporine PurvalanolA Rhizopodin Mevastatin ChondramidC Simvastatin CyclosporinA Puromycin	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB Rapamycin Apicularen Wortmannin Aphidicolin Colchicine Anisomycin Alsterpaullone Apicidin Podophyllotoxin Cycloheximide Amanitin Cerulenin
######################################	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide LY294002 Podophyllotoxin H89 OkadaicAcid Trichostatin Puromycin ArchazolidB Staurosporine Mevastatin CyclosporinA Simvastatin ChondramidC Rhizopodin Cytochalasin	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP Scriptaid OkadaicAcid ArchazolidB Trichostatin A23187 Staurosporine PurvalanolA Rhizopodin Mevastatin ChondramidC Simvastatin CyclosporinA Puromycin Cytochalasin	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB Rapamycin Apicularen Wortmannin Aphidicolin Colchicine Anisomycin Alsterpaullone Apicidin Podophyllotoxin Cycloheximide Amanitin Cerulenin Chelerythrine
######################################	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide LY294002 Podophyllotoxin H89 OkadaicAcid Trichostatin Puromycin ArchazolidB Staurosporine Mevastatin CyclosporinA Simvastatin ChondramidC Rhizopodin Cytochalasin Apicularen	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP Scriptaid OkadaicAcid ArchazolidB Trichostatin A23187 Staurosporine PurvalanolA Rhizopodin Mevastatin ChondramidC Simvastatin CyclosporinA Puromycin Cytochalasin Apicularen	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB Rapamycin Apicularen Wortmannin Aphidicolin Colchicine Anisomycin Alsterpaullone Apicidin Podophyllotoxin Cycloheximide Amanitin Cerulenin Chelerythrine ChondramidC
#######################################	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide LY294002 Podophyllotoxin H89 OkadaicAcid Trichostatin Puromycin ArchazolidB Staurosporine Mevastatin CyclosporinA Simvastatin ChondramidC Rhizopodin Cytochalasin Apicularen Cerulenin	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP Scriptaid OkadaicAcid ArchazolidB Trichostatin A23187 Staurosporine PurvalanolA Rhizopodin Mevastatin ChondramidC Simvastatin CyclosporinA Puromycin Cytochalasin Apicularen Cerulenin	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB Rapamycin Apicularen Wortmannin Aphidicolin Colchicine Anisomycin Alsterpaullone Apicidin Podophyllotoxin Cycloheximide Amanitin Cerulenin Chelerythrine ChondramidC
##########################	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide LY294002 Podophyllotoxin H89 OkadaicAcid Trichostatin Puromycin ArchazolidB Staurosporine Mevastatin CyclosporinA Simvastatin ChondramidC Rhizopodin Cytochalasin Apicularen Cerulenin Chelerythrine	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP Scriptaid OkadaicAcid ArchazolidB Trichostatin A23187 Staurosporine PurvalanolA Rhizopodin Mevastatin ChondramidC Simvastatin CyclosporinA Puromycin Cytochalasin Apicularen Cerulenin Chelerythrine	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB Rapamycin Apicularen Wortmannin Aphidicolin Colchicine Anisomycin Alsterpaullone Apicidin Podophyllotoxin Cycloheximide Amanitin Cerulenin Chelerythrine ChondramidC Cytochalasin Rhizopodin
###########################	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 55 56 57 58 60	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide LY294002 Podophyllotoxin H89 OkadaicAcid Trichostatin Puromycin ArchazolidB Staurosporine Mevastatin CyclosporinA Simvastatin ChondramidC Rhizopodin Cytochalasin Apicularen Cerulenin Chelerythrine PurvalanolA	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP Scriptaid OkadaicAcid ArchazolidB Trichostatin A23187 Staurosporine PurvalanolA Rhizopodin Mevastatin ChondramidC Simvastatin CyclosporinA Puromycin Cytochalasin Apicularen Cerulenin Chelerythrine Rapamycin	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB Rapamycin Apicularen Wortmannin Aphidicolin Colchicine Anisomycin Alsterpaullone Apicidin Podophyllotoxin Cycloheximide Amanitin Cerulenin Chelerythrine ChondramidC Cytochalasin Rhizopodin RatjadonC
##########################	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 56 57 58 59 60 2	Indirubin3monoxime CCCP Wortmannin ArgyrinA PurvalanolA Cycloheximide LY294002 Podophyllotoxin H89 OkadaicAcid Trichostatin Puromycin ArchazolidB Staurosporine Mevastatin CyclosporinA Simvastatin ChondramidC Rhizopodin Cytochalasin Apicularen Cerulenin Chelerythrine	GephyronicAcidA Myriaporone MG132 Indirubin3monoxime Cycloheximide CCCP Scriptaid OkadaicAcid ArchazolidB Trichostatin A23187 Staurosporine PurvalanolA Rhizopodin Mevastatin ChondramidC Simvastatin CyclosporinA Puromycin Cytochalasin Apicularen Cerulenin Chelerythrine	SaframycinMx1 ArchazolidB LY294002 Vioprolide Nocodazol Myriaporone EpothiloneB Rapamycin Apicularen Wortmannin Aphidicolin Colchicine Anisomycin Alsterpaullone Apicidin Podophyllotoxin Cycloheximide Amanitin Cerulenin Chelerythrine ChondramidC Cytochalasin Rhizopodin

##	4	Doxorubicin	SaframycinMx1	SB203580
##	5	MyxothiazolA	Apicidin	MyxothiazolA
##	6	CCCP	Amanitin	SB202190
##	7	CruentarenA	Emetine	Oligomycin
##	8	CyclosporinA	Alsterpaullone	Emetine
##	9	Oligomycin	Etoposide	Taxol
##	10	Camptothecin	PD169316	TubulysinB
##	11	ArgyrinA	Velcade	Griseofulvin
##	12	Trichostatin	Colchicine	CruentarenA
##	13	Soraphen	EpothiloneB	Methotrexate
##	14	RatjadonC	Vinblastin	Camptothecin
##	15	Griseofulvin	SB202190	ActinomycinD
##	16	OkadaicAcid	ActinomycinD	SaframycinMx1
##	17	Oxamflatin	Taxol	Etoposide
##	18	SB203580	SB203580	Vinblastin
##	19	SB202190	Anisomycin	Oxamflatin
##	20	Indirubin3monoxime	Wortmannin	Velcade
##	21	A23187	TubulysinB	ArgyrinA
##	22	MG132	Soraphen	EpothiloneB
##	23	Mevastatin	RatjadonC	Wortmannin
##	24	Simvastatin	MG132	Vioprolide
##	25	Taxol	Griseofulvin	PD169316
##	26	Velcade	Neopeltolide	Neopeltolide
##	27	GephyronicAcidA	Oxamflatin	Rapamycin
##	28	TubulysinB	Methotrexate	OkadaicAcid
##	29	Emetine	Nocodazol	GephyronicAcidA
##	30	ActinomycinD	Myriaporone	Nocodazol
##	31	PD169316	Oligomycin	Aphidicolin
##	32	Staurosporine	Doxorubicin	MG132
##	33	Neopeltolide	GephyronicAcidA	Scriptaid
##	34	Vinblastin	CruentarenA	CCCP
##	35	Methotrexate	MyxothiazolA	PurvalanolA
##	36	Etoposide	Podophyllotoxin	Colchicine
##	37	SaframycinMx1	Cycloheximide	Trichostatin
##	38	Nocodazol	Camptothecin	${\tt Indirubin3monoxime}$
##	39	Vioprolide	LY294002	Apicidin
##	40	Н89	ArgyrinA	Myriaporone
##	41	${\tt ArchazolidB}$	Scriptaid	Alsterpaullone
##	42	LY294002	${\tt Indirubin3monoxime}$	Anisomycin
##	43	Rapamycin	CCCP	A23187
##	44	EpothiloneB	A23187	LY294002
##		Wortmannin	Н89	Amanitin
##		Myriaporone	OkadaicAcid	Podophyllotoxin
##		Aphidicolin	PurvalanolA	ArchazolidB
##		Colchicine	ArchazolidB	Mevastatin
##		Anisomycin	Trichostatin	Staurosporine
##		Alsterpaullone	Staurosporine	Puromycin
##		Apicidin	Mevastatin	Simvastatin
##		Podophyllotoxin	Simvastatin	${\tt CyclosporinA}$
##		Amanitin	${\tt ChondramidC}$	Н89
##		Cycloheximide	Rhizopodin	Cycloheximide
##		Apicularen	Puromycin	Apicularen
##		Cerulenin	CyclosporinA	ChondramidC
##	57	Chelerythrine	Cytochalasin	Rhizopodin

		G1 1 1 1 G		
##		ChondramidC	Apicularen	Cerulenin
##		Rhizopodin	Cerulenin	Cytochalasin
##	60	Cytochalasin	Chelerythrine	Chelerythrine
##	^	Rhizopodin	SaframycinMx1	SB202190
	2	ChondramidC	Emetine	SB203580
##	3	Amanitin	ActinomycinD	Soraphen
##	_	Apicidin	TubulysinB	Oxamflatin
##		Podophyllotoxin	Rapamycin	RatjadonC
##	6	Wortmannin	Taxol	ActinomycinD
##	7	Aphidicolin	SB202190	Emetine
##	8	Colchicine	Vioprolide	TubulysinB
##	9	Rapamycin	Colchicine	SaframycinMx1
##	10	EpothiloneB	SB203580	MyxothiazolA
##	11	Alsterpaullone	Aphidicolin	Taxol
	12	SaframycinMx1	Soraphen	Doxorubicin
	13	Vioprolide	Vinblastin	Oligomycin
	14	Nocodazol	Oxamflatin	Griseofulvin
	15	Vinblastin	EpothiloneB	CruentarenA
	16	Cycloheximide	Griseofulvin	PD169316
##	17	Emetine	Wortmannin	Velcade
	18	Anisomycin	RatjadonC	Camptothecin
##	19	${\tt ActinomycinD}$	Nocodazol	Vioprolide
##	20	Etoposide	Amanitin	Rapamycin
##	21	Taxol	Apicidin	Etoposide
##	22	TubulysinB	Etoposide	Methotrexate
##	23	Methotrexate	Velcade	Vinblastin
##	24	Myriaporone	Alsterpaullone	Scriptaid
##	25	Velcade	PD169316	MG132
##	26	Griseofulvin	${ t MyxothiazolA}$	ArgyrinA
##	27	PD169316	Methotrexate	Aphidicolin
##	28	SB202190	Doxorubicin	Alsterpaullone
##	29	RatjadonC	Oligomycin	Wortmannin
##	30	Soraphen	CruentarenA	EpothiloneB
##	31	SB203580	MG132	Nocodazol
##	32	Oxamflatin	Podophyllotoxin	Neopeltolide
##	33	LY294002	Neopeltolide	${\tt GephyronicAcidA}$
##	34	Neopeltolide	Camptothecin	Colchicine
##	35	Cytochalasin	ArgyrinA	A23187
##	36	MG132	Anisomycin	OkadaicAcid
##	37	Oligomycin	${\tt GephyronicAcidA}$	${\tt Indirubin3monoxime}$
##	38	${\tt GephyronicAcidA}$	Scriptaid	Apicidin
##	39	Doxorubicin	Myriaporone	PurvalanolA
##	40	MyxothiazolA	${\tt Indirubin3monoxime}$	Amanitin
##	41	ArchazolidB	ArchazolidB	CCCP
##	42	CruentarenA	OkadaicAcid	Trichostatin
##	43	Н89	CCCP	Anisomycin
##	44	Camptothecin	A23187	Myriaporone
##	45	ArgyrinA	Trichostatin	ArchazolidB
##	46	${\tt Indirubin3monoxime}$	LY294002	Mevastatin
##	47	OkadaicAcid	Cycloheximide	Staurosporine
##	48	Scriptaid	PurvalanolA	Podophyllotoxin
##	49	Staurosporine	Staurosporine	Simvastatin
##	50	CCCP	Mevastatin	CyclosporinA
##	51	A23187	Н89	Puromycin
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##		Trichostatin	Simvastatin	LY294002
##		Mevastatin	${\tt CyclosporinA}$	Cycloheximide
	54	PurvalanolA	Puromycin	H89
##		Simvastatin	Rhizopodin	Apicularen
##		CyclosporinA	${\tt ChondramidC}$	${\tt ChondramidC}$
##		Puromycin	Apicularen	Rhizopodin
##		Apicularen	Cytochalasin	Cerulenin
##		Chelerythrine	Cerulenin	Chelerythrine
##	60	Cerulenin	Chelerythrine	Cytochalasin
##		SB203580	Scriptaid	Simvastatin
	2	SB202190	Trichostatin	Mevastatin
##	3	Soraphen	Oxamflatin	Staurosporine
##	4	${ t RatjadonC}$	${ t MyxothiazolA}$	Trichostatin
##	5	TubulysinB	A23187	ArchazolidB
##	6	Emetine	Doxorubicin	${\tt CyclosporinA}$
##	7	ActinomycinD	Camptothecin	ArgyrinA
##	8	Oxamflatin	Oligomycin	Scriptaid
##	9	Doxorubicin	CruentarenA	OkadaicAcid
##	10	MyxothiazolA	CCCP	Camptothecin
##	11	${\tt SaframycinMx1}$	ArgyrinA	PurvalanolA
##	12	Taxol	PurvalanolA	Oxamflatin
##	13	Griseofulvin	Soraphen	${\tt Indirubin3monoxime}$
##	14	Oligomycin	SB202190	MyxothiazolA
##	15	PD169316	SB203580	Apicularen
##	16	Camptothecin	Griseofulvin	Griseofulvin
##	17	CruentarenA	Indirubin3monoxime	Puromycin
##	18	Methotrexate	OkadaicAcid	A23187
##	19	Etoposide	Mevastatin	TubulysinB
##	20	Vioprolide	RatjadonC	ActinomycinD
##	21	Velcade	CyclosporinA	Soraphen
##	22	Rapamycin	ActinomycinD	SB202190
##	23	ArgyrinA	Taxol	Doxorubicin
##	24	Vinblastin	Emetine	Taxol
##	25	Scriptaid	TubulysinB	SB203580
##	26	Aphidicolin	Puromycin	RatjadonC
##	27	MG132	Simvastatin	CCCP
##	28	Neopeltolide	PD169316	Oligomycin
##	29	EpothiloneB	MG132	CruentarenA
##	30	GephyronicAcidA	Staurosporine	Nocodazol
##	31	Alsterpaullone	Etoposide	Emetine
##	32	Nocodazol	SaframycinMx1	Cerulenin
##	33	Wortmannin	Methotrexate	SaframycinMx1
##	34	OkadaicAcid	GephyronicAcidA	Vinblastin
##	35	A23187	Velcade	Methotrexate
##	36	Colchicine	Neopeltolide	Velcade
##	37	Indirubin3monoxime	Vinblastin	Wortmannin
##	38	PurvalanolA	Nocodazol	MG132
##	39	Trichostatin	ArchazolidB	PD169316
	40	Apicidin	Vioprolide	EpothiloneB
	41	CCCP	Colchicine	Colchicine
	42	Amanitin	Rapamycin	Chelerythrine
	43	Anisomycin	Aphidicolin	Etoposide
	44	Myriaporone	EpothiloneB	Vioprolide
	45	ArchazolidB	Н89	Neopeltolide
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##	46	Mevastatin	Wortmannin	GephyronicAcidA
##		Staurosporine	Podophyllotoxin	Rapamycin
##		Podophyllotoxin	Myriaporone	Aphidicolin
##	49	Simvastatin	Alsterpaullone	Н89
##	50	CyclosporinA	Anisomycin	Podophyllotoxin
##	51	LY294002	LY294002	Alsterpaullone
##	52	Puromycin	Apicidin	LY294002
##	53	Cycloheximide	Amanitin	Amanitin
##	54	Н89	Cycloheximide	Apicidin
##	55	Apicularen	Apicularen	Myriaporone
##	56	ChondramidC	Cerulenin	Anisomycin
##	57	Rhizopodin	Chelerythrine	Cycloheximide
##	58	Cerulenin	Rhizopodin	Rhizopodin
##	59	Cytochalasin	ChondramidC	ChondramidC
##	60	Chelerythrine	Cytochalasin	Cytochalasin
##		Soraphen	Staurosporine	Taxol
##	2	RatjadonC	Mevastatin	Griseofulvin
##	3	Doxorubicin	ArchazolidB	TubulysinB
##	4	SB203580	Simvastatin	ActinomycinD
##	5	SB202190	ArgyrinA	Vinblastin
##	6	MyxothiazolA	Trichostatin	Emetine
##	7	Oligomycin	Camptothecin	Nocodazol
##	8	Emetine	${\tt Indirubin3monoxime}$	Soraphen
##	9	Taxol	OkadaicAcid	SaframycinMx1
##	10	Griseofulvin	Griseofulvin	RatjadonC
##	11	TubulysinB	TubulysinB	SB202190
##	12	${\tt CruentarenA}$	${\tt ActinomycinD}$	SB203580
##	13	ActinomycinD	Scriptaid	EpothiloneB
##	14	Camptothecin	Taxol	Oxamflatin
##	15	Oxamflatin	Oxamflatin	${ t MyxothiazolA}$
##	16	${\tt SaframycinMx1}$	${ t CyclosporinA}$	Doxorubicin
##	17	Methotrexate	Soraphen	Camptothecin
##	18	${ t Argyrin A}$	Nocodazol	ArgyrinA
##	19	Etoposide	${ t MyxothiazolA}$	Colchicine
##		Vinblastin	SB202190	Wortmannin
##		PD169316	SB203580	Oligomycin
	22	Velcade	PurvalanolA	Rapamycin
	23	Vioprolide	RatjadonC	Vioprolide
##		Scriptaid	Doxorubicin	Etoposide
##		EpothiloneB	Vinblastin	CruentarenA
	26	Neopeltolide	A23187	PD169316
	27	Rapamycin	Emetine	Methotrexate
	28	Nocodazol	SaframycinMx1	Aphidicolin
	29	OkadaicAcid	-	Indirubin3monoxime
##	30	GephyronicAcidA	Oligomycin	Velcade
##	31	MG132	CCCP	Scriptaid
##		Wortmannin	CruentarenA	Podophyllotoxin
##		Aphidicolin	Wortmannin	MG132
	34	CCCP	EpothiloneB	ArchazolidB
##		PurvalanolA	Puromycin	Neopeltolide
##	36 37	Colchicine Trichostatin	Colchicine Cerulenin	OkadaicAcid
		Indirubin3monoxime	Methotrexate	Apicidin Amanitin
##		A23187	PD169316	CCCP
##	J	HZ318/	LD109210	CCCP

##		Apicidin	Velcade	Trichostatin
##		Alsterpaullone	Rapamycin	Staurosporine
##		Myriaporone	Etoposide	GephyronicAcidA
##		Anisomycin	MG132	Alsterpaullone
##		Mevastatin	Vioprolide	PurvalanolA
##		Amanitin	Podophyllotoxin	A23187
##		Podophyllotoxin	Aphidicolin	LY294002
##		ArchazolidB	Chelerythrine	Mevastatin
##		LY294002	Neopeltolide	Anisomycin
##		Staurosporine	${ t GephyronicAcidA}$	Myriaporone
##	50	Simvastatin	Н89	Н89
##		Puromycin	Amanitin	Simvastatin
##		${ t CyclosporinA}$	Alsterpaullone	CyclosporinA
##		Н89	LY294002	Cycloheximide
##	54	Cycloheximide	Apicidin	Puromycin
##	55	Apicularen	Anisomycin	Rhizopodin
##	56	${\tt ChondramidC}$	Myriaporone	Apicularen
##	57	Rhizopodin	Cycloheximide	${\tt ChondramidC}$
##	58	Cerulenin	Rhizopodin	Cerulenin
##	59	Chelerythrine	${\tt ChondramidC}$	Chelerythrine
##	60	Cytochalasin	Cytochalasin	Cytochalasin
##		Trichostatin	TubulysinB	Velcade
##	2	OkadaicAcid	ActinomycinD	MG132
##	3	Camptothecin	Taxol	Vioprolide
##	4	ArgyrinA	Griseofulvin	Emetine
##	5	Scriptaid	${ t SaframycinMx1}$	Rapamycin
##	6	Mevastatin	Emetine	Oligomycin
##	7	CyclosporinA	Soraphen	PD169316
##	8	Simvastatin	SB202190	SB202190
##	9	MyxothiazolA	Nocodazol	Neopeltolide
##	10	Doxorubicin	SB203580	CruentarenA
##	11	Staurosporine	Vinblastin	RatjadonC
##	12	PurvalanolA	RatjadonC	Soraphen
##	13	CCCP	Oxamflatin	MyxothiazolA
##	14	Soraphen	EpothiloneB	Etoposide
##	15	Oligomycin	MyxothiazolA	SaframycinMx1
##	16	Oxamflatin	Camptothecin	Aphidicolin
##	17	CruentarenA	ArgyrinA	SB203580
##	18	A23187	Wortmannin	Doxorubicin
##	19	Puromycin	Doxorubicin	GephyronicAcidA
##	20	RatjadonC	Colchicine	Oxamflatin
##	21	Griseofulvin	Rapamycin	Myriaporone
##	22	SB203580	Oligomycin	Taxol
##	23	SB202190	Vioprolide	Alsterpaullone
##	24	Indirubin3monoxime	Methotrexate	Griseofulvin
##	25	TubulysinB	PD169316	ActinomycinD
##	26	Taxol	CruentarenA	TubulysinB
##	27	ActinomycinD	Etoposide	Anisomycin
##	28	ArchazolidB	Aphidicolin	Apicidin
##	29	Emetine	Velcade	Vinblastin
##	30	Methotrexate	ArchazolidB	Amanitin
##	31	Vinblastin	Indirubin3monoxime	Methotrexate
##	32	SaframycinMx1	Scriptaid	EpothiloneB
##		Nocodazol	OkadaicAcid	Wortmannin
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##	34	Etoposide	Amanitin	Colchicine
##		GephyronicAcidA	Apicidin	CCCP
##		Neopeltolide	Podophyllotoxin	Nocodazol
##	37	PD169316	Staurosporine	Cycloheximide
##	38	Velcade	Alsterpaullone	Scriptaid
##	39	MG132	MG132	Camptothecin
##	40	EpothiloneB	Neopeltolide	PurvalanolA
##	41	Colchicine	Trichostatin	ArgyrinA
##	42	Wortmannin	A23187	A23187
##	43	Vioprolide	Mevastatin	LY294002
##	44	Rapamycin	CCCP	Podophyllotoxin
##	45	Apicularen	GephyronicAcidA	Н89
##	46	Aphidicolin	PurvalanolA	${\tt Indirubin3monoxime}$
##	47	Podophyllotoxin	Anisomycin	OkadaicAcid
##	48	Н89	Simvastatin	Trichostatin
##	49	LY294002	LY294002	Puromycin
##	50	Myriaporone	Myriaporone	ArchazolidB
##	51	Apicidin	Н89	Mevastatin
##	52	Alsterpaullone	${\tt CyclosporinA}$	Staurosporine
##	53	Anisomycin	Puromycin	${\tt CyclosporinA}$
##	54	Amanitin	Cycloheximide	Simvastatin
##	55	Cerulenin	Rhizopodin	${\tt ChondramidC}$
##	56	Cycloheximide	Apicularen	Rhizopodin
##	57	Chelerythrine	${\tt ChondramidC}$	Cytochalasin
##	58	Rhizopodin	Cerulenin	Apicularen
##		${\tt ChondramidC}$	Chelerythrine	Cerulenin
##	60	Cytochalasin	Cytochalasin	Chelerythrine
##		Vinblastin	Vioprolide	Wortmannin
##	2	Taxol	Rapamycin	SaframycinMx1
##		Nocodazol	Aphidicolin	EpothiloneB
##	_	Griseofulvin	Velcade	Taxol
##	5	TubulysinB	SaframycinMx1	ActinomycinD
##	6	ActinomycinD	Emetine	TubulysinB
##	7	Emetine	PD169316	Vinblastin
##	_	EpothiloneB	Etoposide	Emetine
##		SaframycinMx1	MG132	RatjadonC
	10	Soraphen	Amanitin	Rapamycin
	11	RatjadonC Colchicine	Apicidin	Aphidicolin
	12 13		Alsterpaullone SB202190	Soraphen
	14	Rapamycin Wortmannin	Soraphen	Vioprolide Griseofulvin
##	15	Vioprolide	SB203580	Nocodazol
##	16	SB203580	RatjadonC	SB202190
##	17	SB202190	Neopeltolide	Methotrexate
##	18	Aphidicolin	Vinblastin	SB203580
##	19	Etoposide	Taxol	Colchicine
##	20	Doxorubicin	Anisomycin	Apicidin
##	21	PD169316	Myriaporone	Amanitin
##		Oxamflatin	ActinomycinD	Etoposide
##		MyxothiazolA	EpothiloneB	Velcade
##		Oligomycin	Wortmannin	Oxamflatin
	25	ArgyrinA	Oligomycin	Podophyllotoxin
	26	Podophyllotoxin	Oxamflatin	Doxorubicin
	27	Methotrexate	TubulysinB	Camptothecin
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##	28	Camptothecin	Colchicine	MyxothiazolA
##	29	Indirubin3monoxime	GephyronicAcidA	Alsterpaullone
##	30	Velcade	Griseofulvin	Oligomycin
##	31	Apicidin	CruentarenA	ArgyrinA
##	32	CruentarenA	Doxorubicin	PD169316
##	33	Amanitin	Methotrexate	CruentarenA
##	34	LY294002	MyxothiazolA	Neopeltolide
##	35	Neopeltolide	Nocodazol	MG132
##	36	MG132	Cycloheximide	OkadaicAcid
##	37	Anisomycin	Podophyllotoxin	Myriaporone
##	38	Scriptaid	Camptothecin	${\tt GephyronicAcidA}$
##	39	Alsterpaullone	Scriptaid	ArchazolidB
##	40	${\tt GephyronicAcidA}$	LY294002	Anisomycin
##	41	${\tt ArchazolidB}$	CCCP	LY294002
##	42	Н89	ArgyrinA	Scriptaid
##	43	CCCP	${\tt Indirubin3monoxime}$	Cycloheximide
##	44	OkadaicAcid	PurvalanolA	${\tt Indirubin3monoxime}$
##		Myriaporone	Н89	Trichostatin
##	46	PurvalanolA	A23187	Staurosporine
##	47	Staurosporine	OkadaicAcid	CCCP
##		A23187	Trichostatin	PurvalanolA
##	49	Trichostatin	ArchazolidB	Mevastatin
##		Mevastatin	Staurosporine	Н89
##	51	Cycloheximide	Mevastatin	A23187
##	52	Simvastatin	Puromycin	Simvastatin
##		${\tt CyclosporinA}$	Simvastatin	Rhizopodin
	54	Puromycin	${\tt CyclosporinA}$	${\tt CyclosporinA}$
##	55	Rhizopodin	${\tt ChondramidC}$	Puromycin
##	56	${\tt ChondramidC}$	Rhizopodin	${\tt ChondramidC}$
	57	Apicularen	Cytochalasin	Apicularen
	58	Cerulenin	Apicularen	Cytochalasin
	59	Cytochalasin	Cerulenin	Cerulenin
##	60	Chelerythrine	Chelerythrine	Chelerythrine