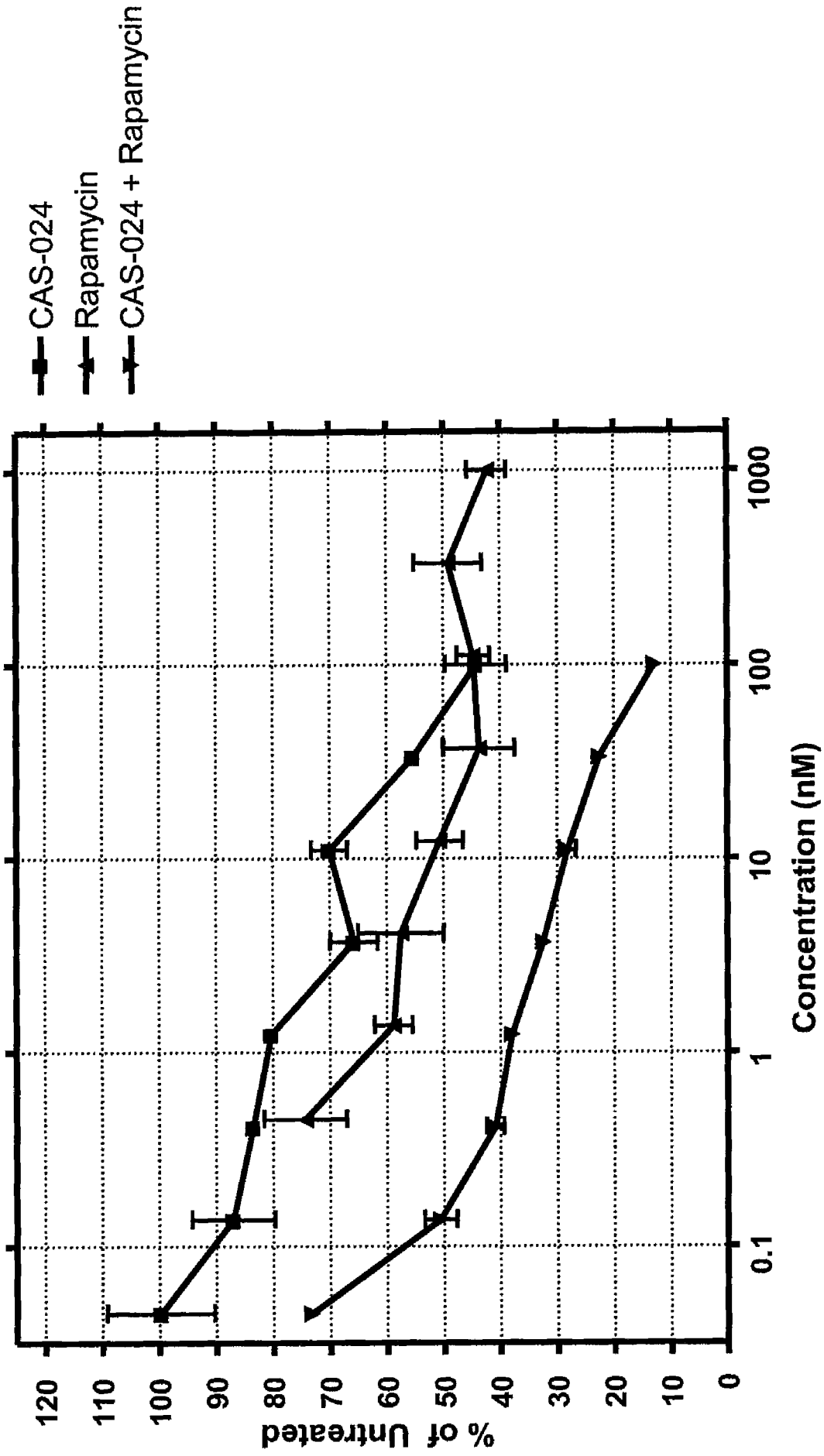

CAS-024
Rapamycin
CAS-024 + Rapamycin
% of Untreated
120
110
100
90
80
70
60
50
40
30
20
10
0
0.1
1
10
100
1000
Concentration (nM)

Fig. 1

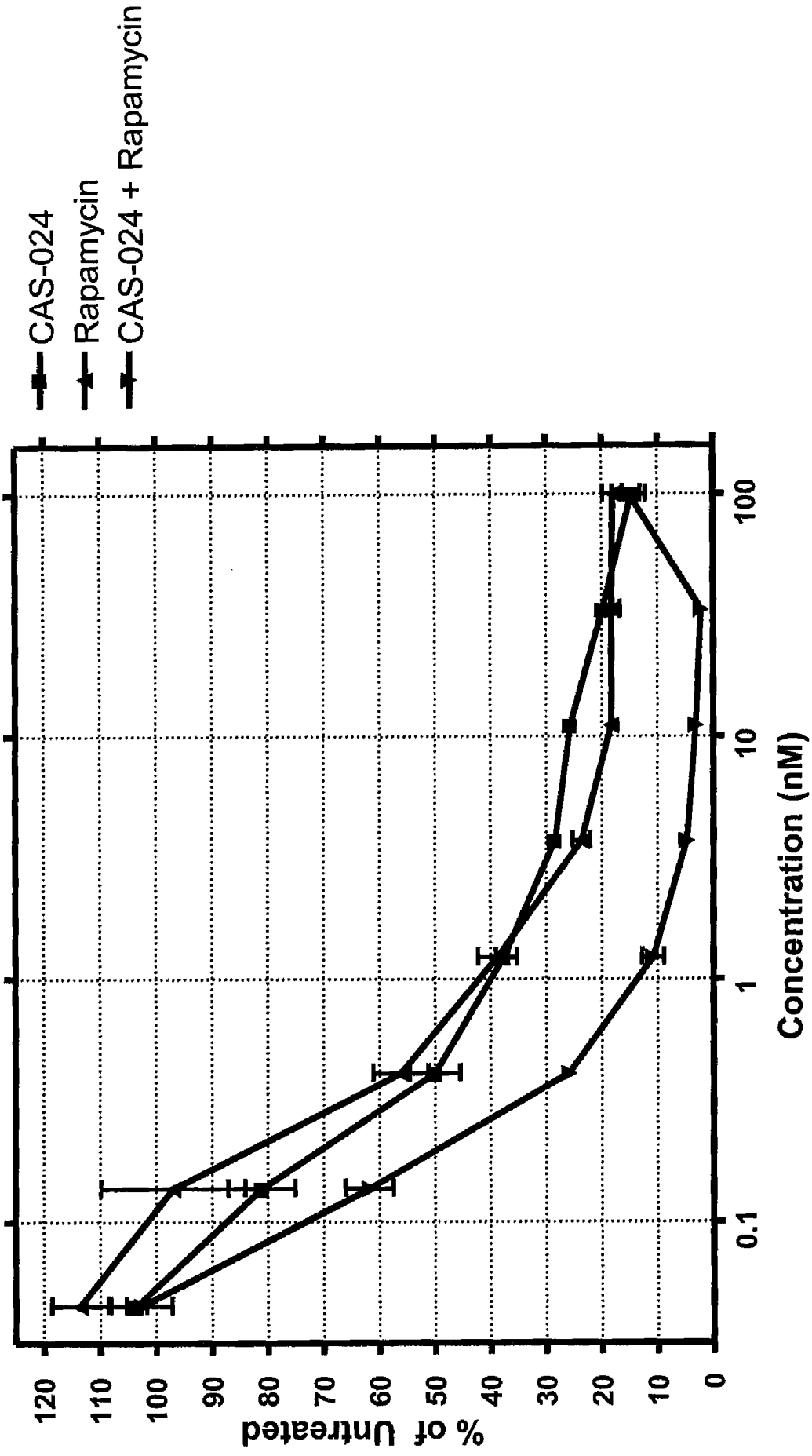
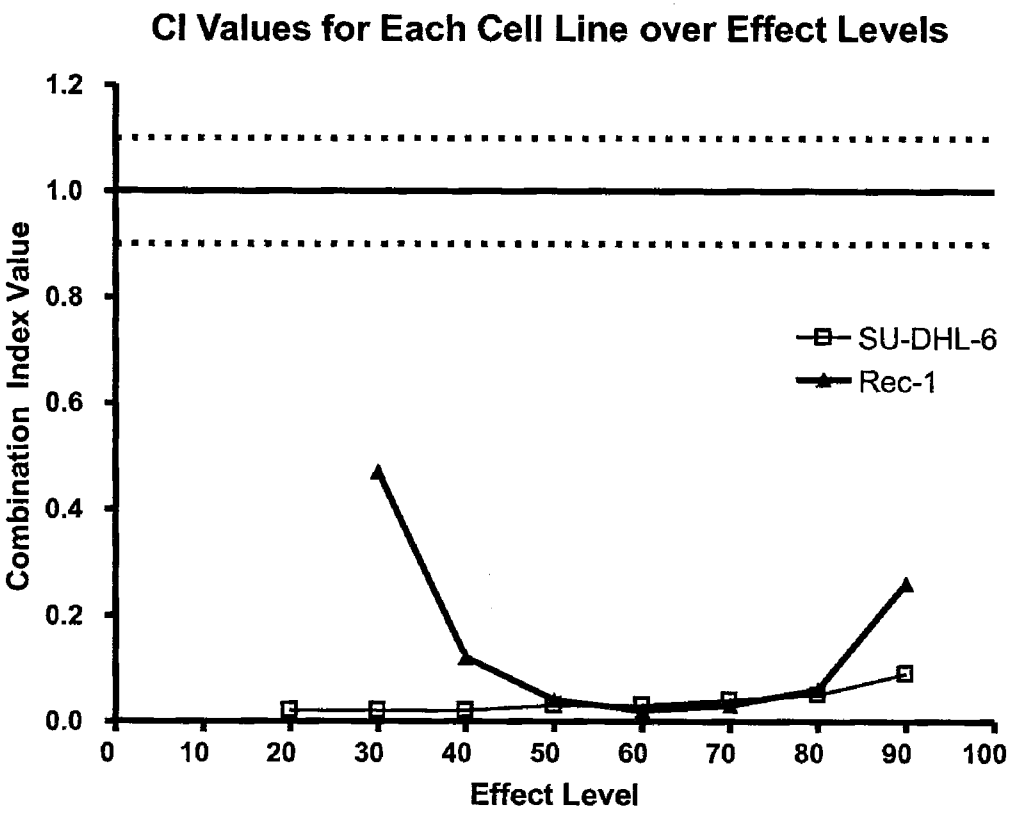

CAS-024
Rapamycin
CAS-024 + Rapamycin
% of Untreated
120
110
100
90
80
70
60
50
40
30
20
10
0
0.1
1
10
100
Concentration (nM)

Fig. 2

A.


CI Values for Each Cell Line over Effect Levels
Combination Index Value
1.2
1.0
0.8
0.6
0.4
0.2
0.0
SU-DHL-6
Rec-1
0
10
20
30
40
50
60
70
80
90
100
Effect Level

B.

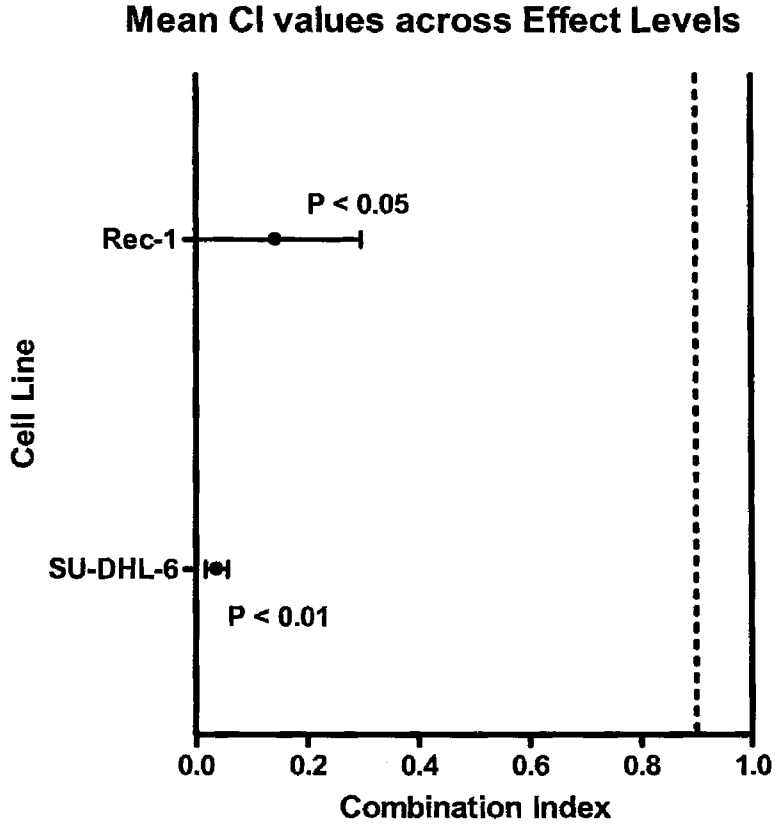

Mean CI values across Effect Levels
P < 0.05
Rec-1
Cell Line
SU-DHL-6
P < 0.01
0.0
0.2
0.4
0.6
0.8
1.0
Combination Index

Fig. 3

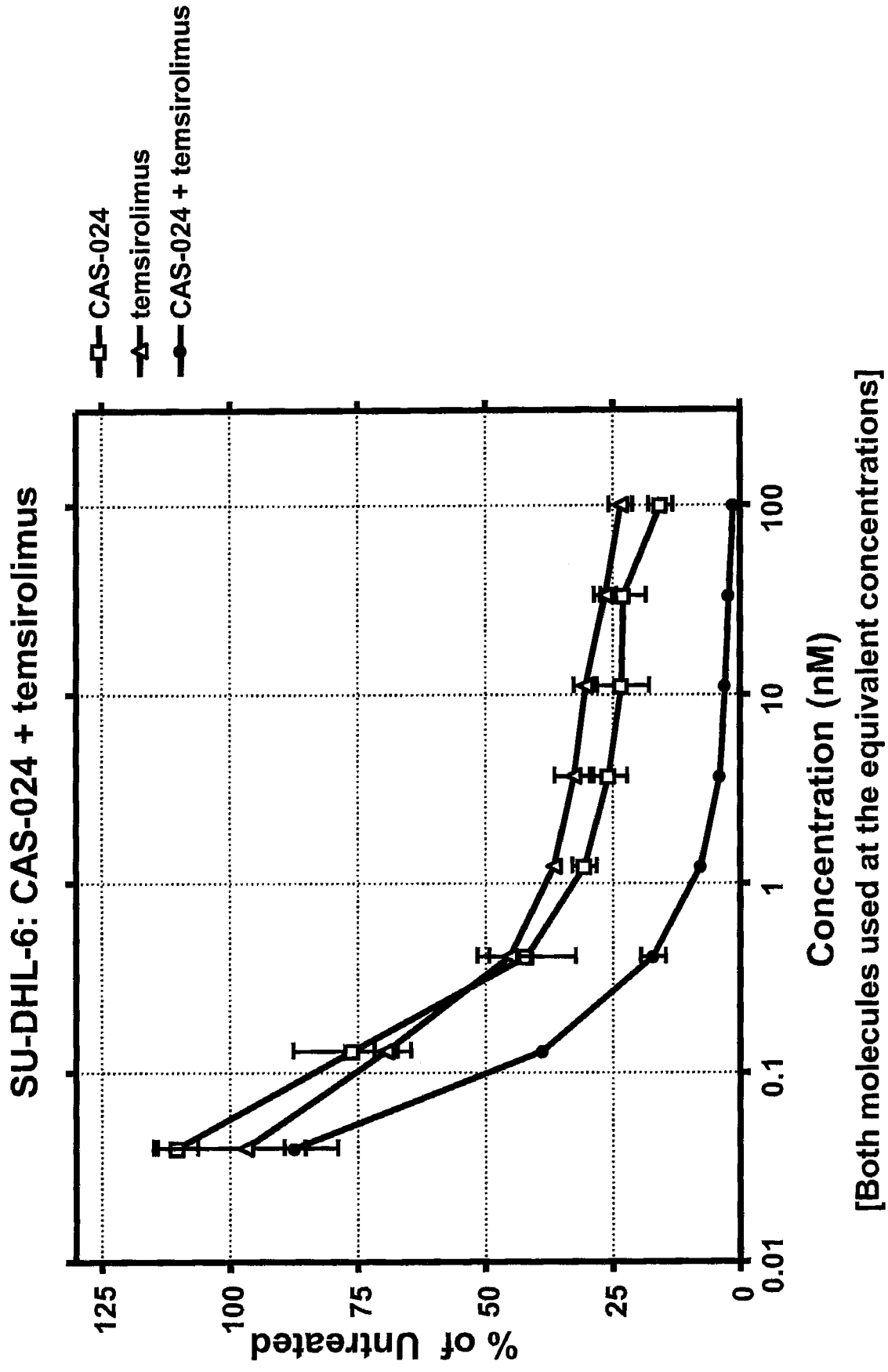

SU-DHL-6: CAS-024 + temsirolimus
CAS-024
temsirolimus
CAS-024 + temsirolimus
% of Untreated
125
100
75
50
25
0
0.01
0.1
1
10
100
Concentration (nM)
[Both molecules used at the equivalent concentrations]

Fig. 4

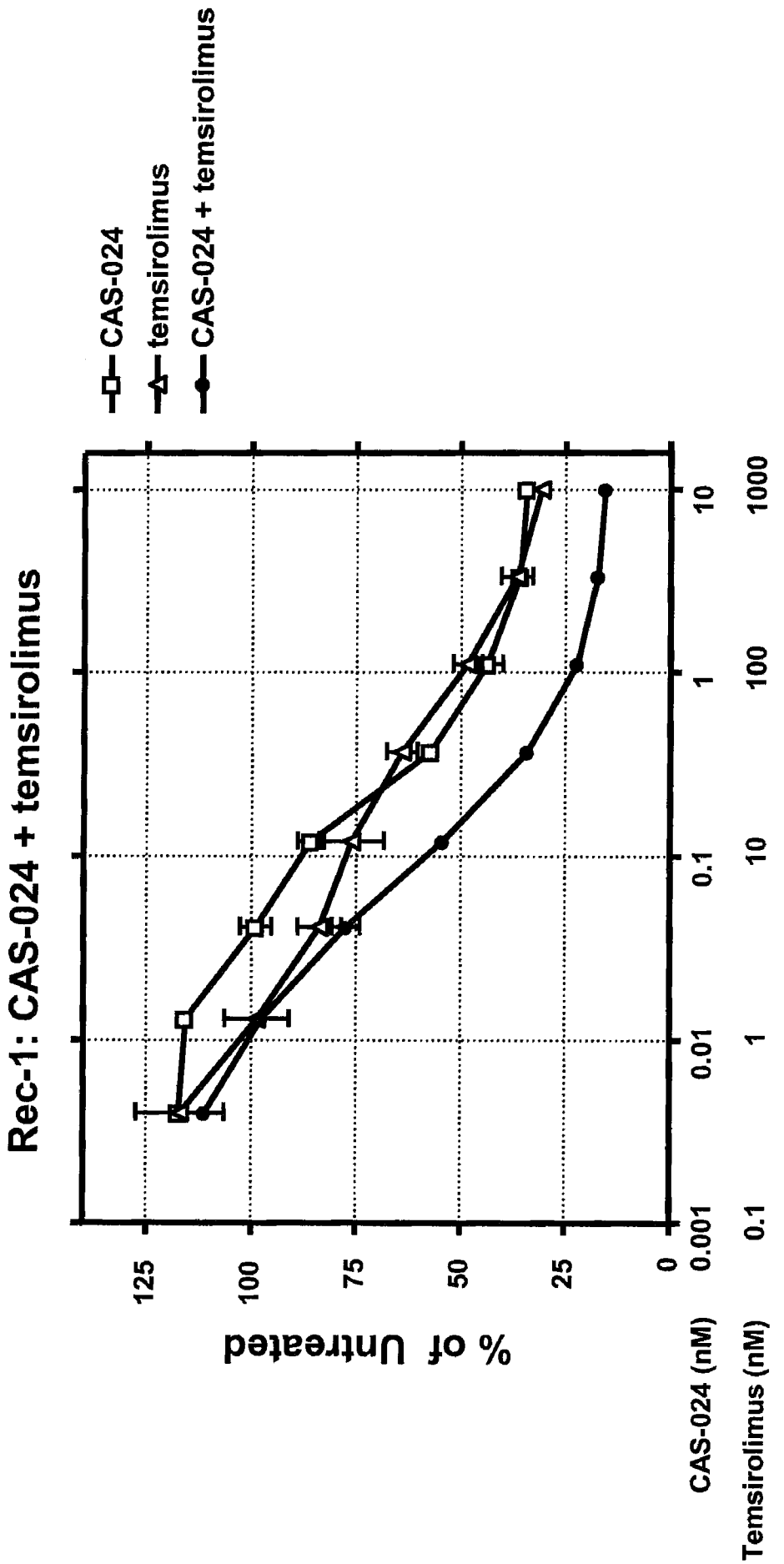

Rec-1: CAS-024 + temsirolimus
CAS-024
temsirolimus
CAS-024 + temsirolimus
% of Untreated
125
100
75
50
25
0
CAS-024 (nM)
0.001
0.01
0.1
1
10
100
1000
Temsirolimus (nM)
0.1
1
10
Concentration

Fig. 5

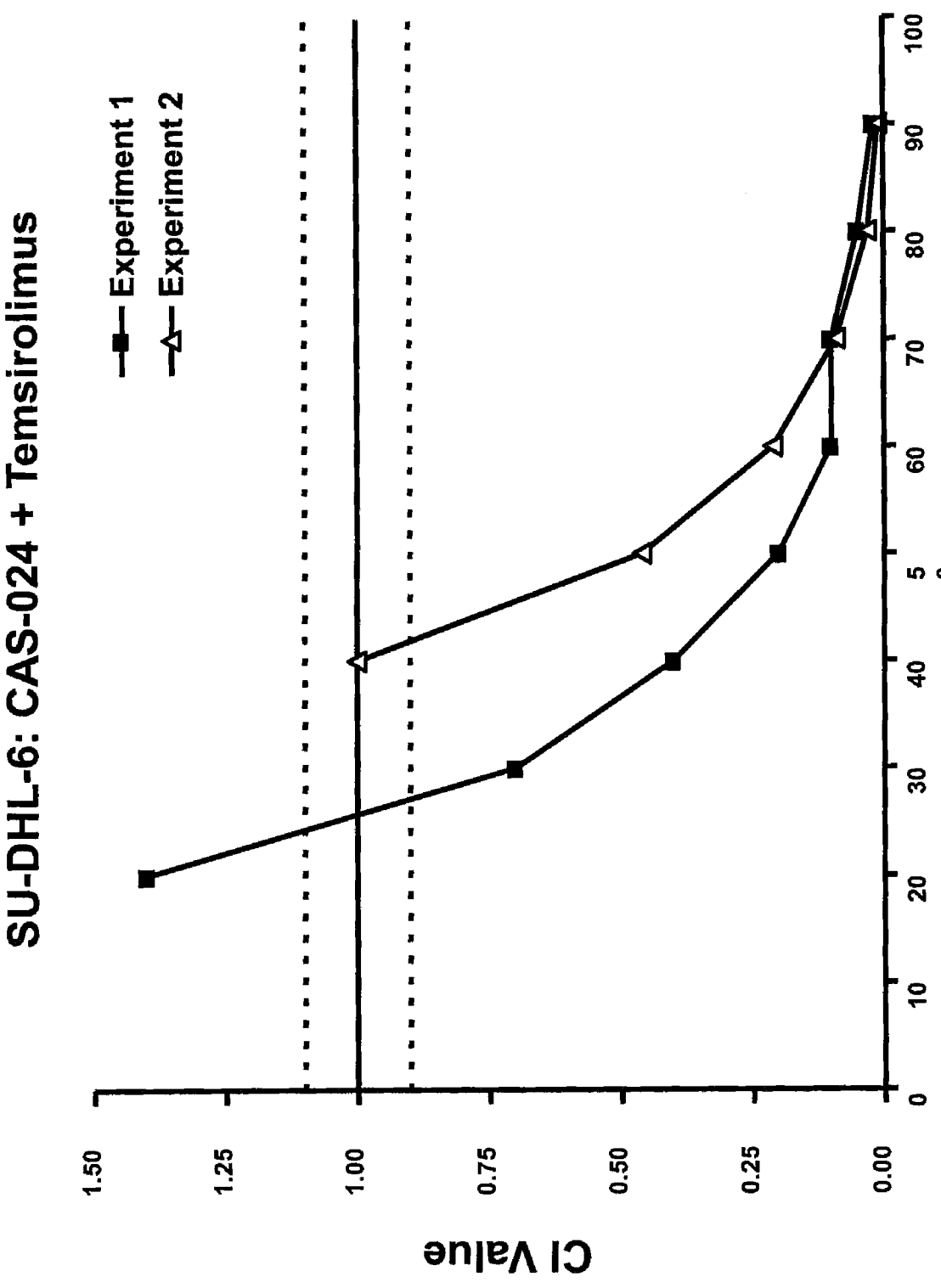

SU-DHL-6: CAS-024 + Temsirolimus
Experiment 1
Experiment 2
CI Value
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
10
20
30
40
50
60
70
80
90
100
Effect Level

Fig. 6

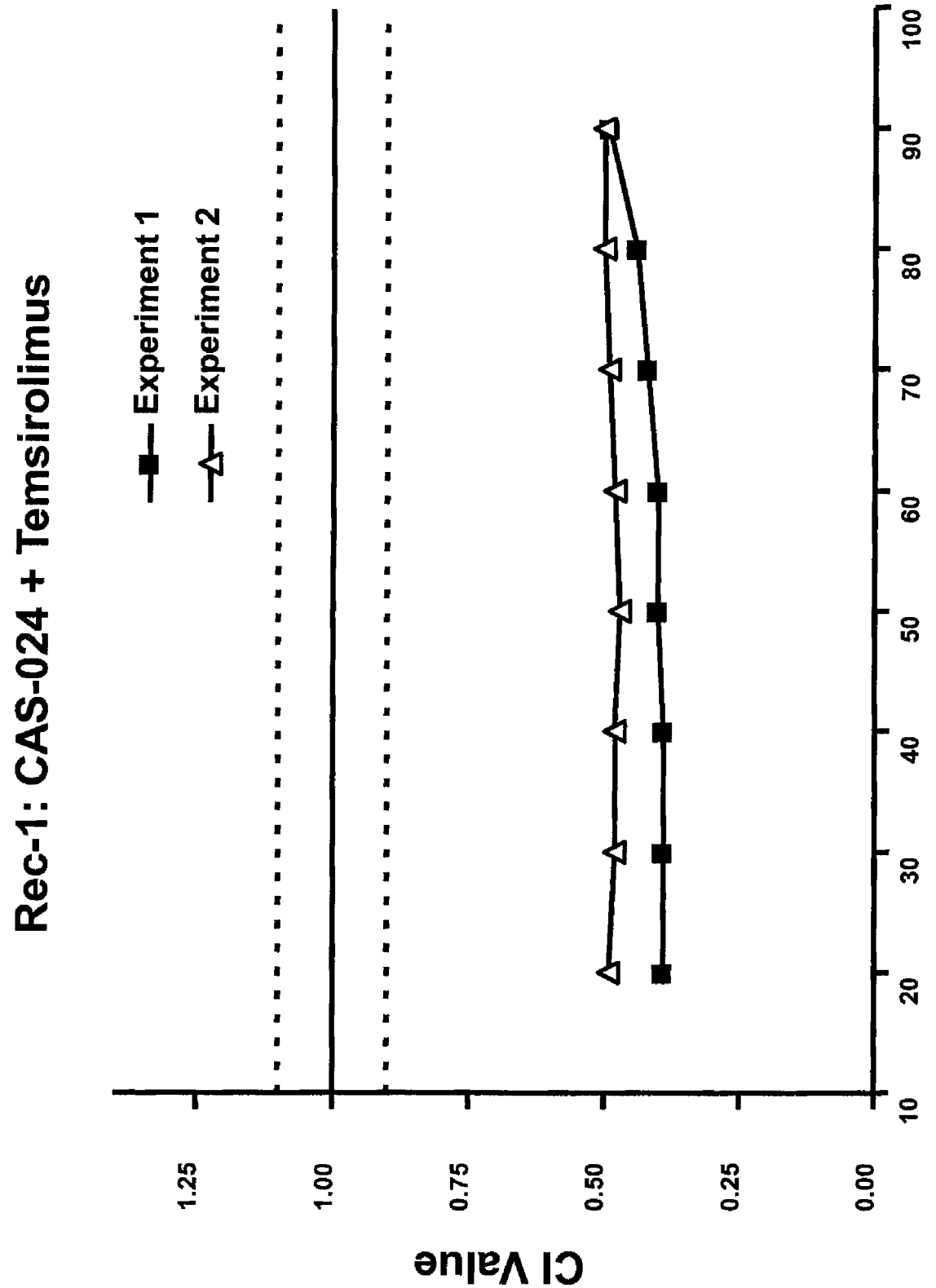

Rec-1: CAS-024 + Temsirolimus
Experiment 1
Experiment 2
CI Value
1.25
1.00
0.75
0.50
0.25
0.00
10
20
30
40
50
60
70
80
90
100
Effect Level

Fig. 7

CAS-024 + temsirolimus
Cell Line
Rec-1
SU-DHL-6
0.00
0.25
0.50
0.75
1.00
Combination Index Value

Fig. 8

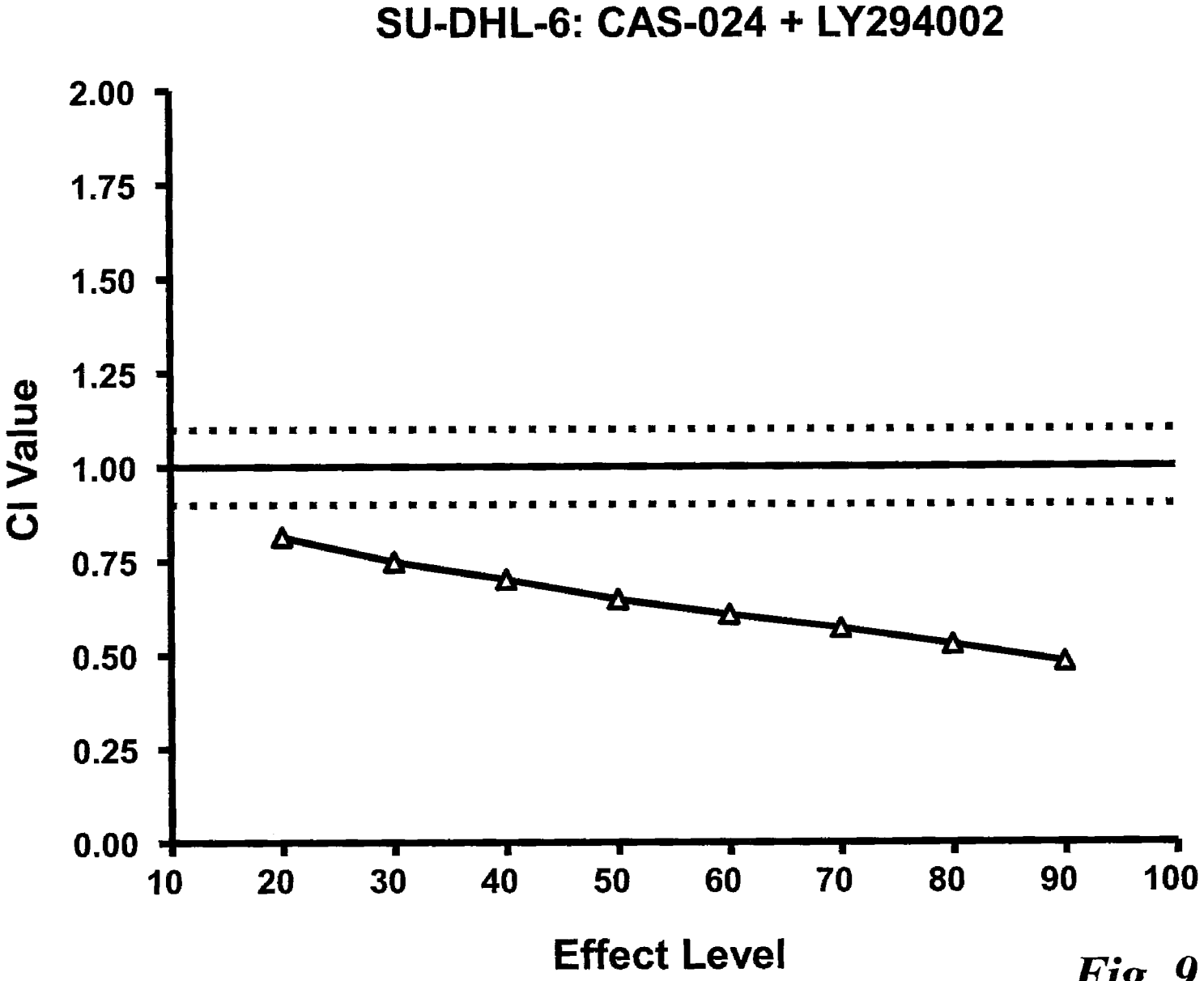

SU-DHL-6: CAS-024 + LY294002
CI Value
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
10
20
30
40
50
60
70
80
90
100
Effect Level

Fig. 9