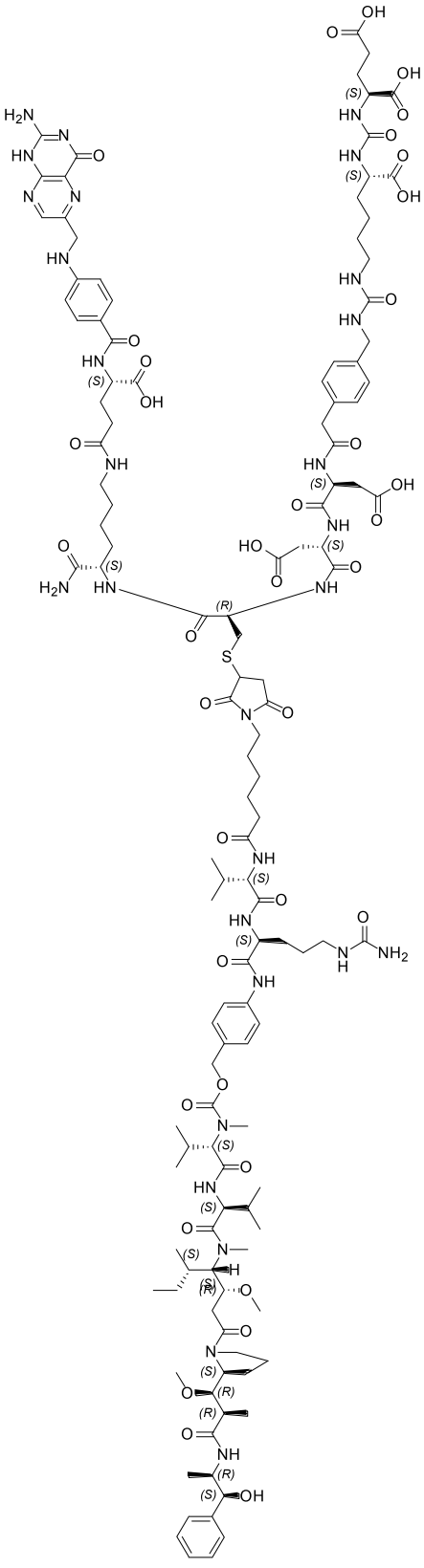
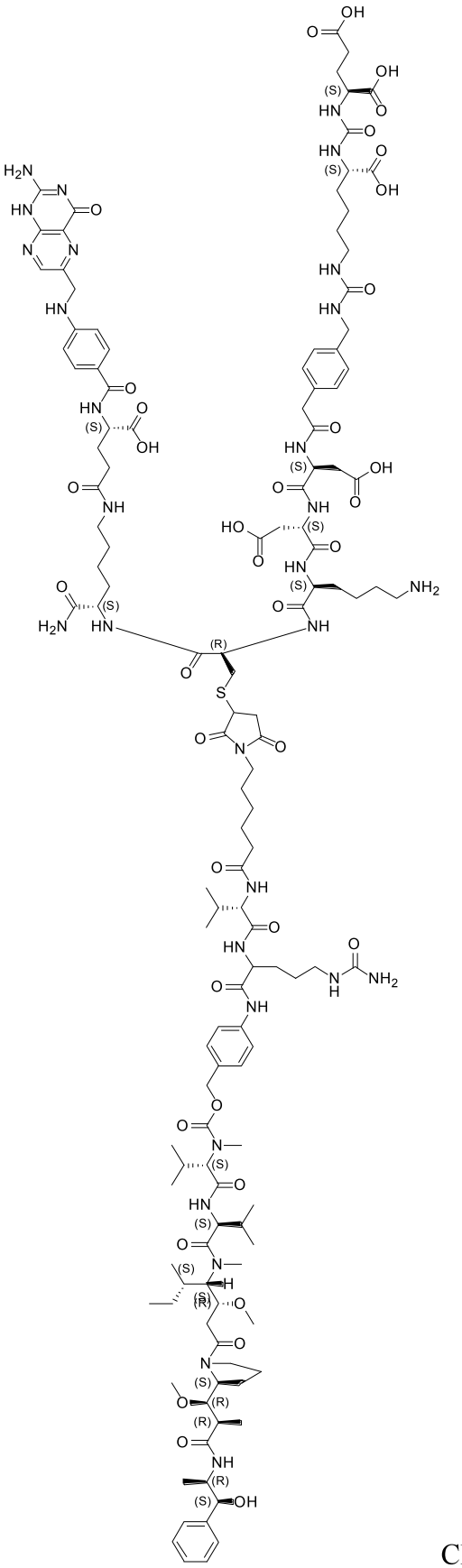


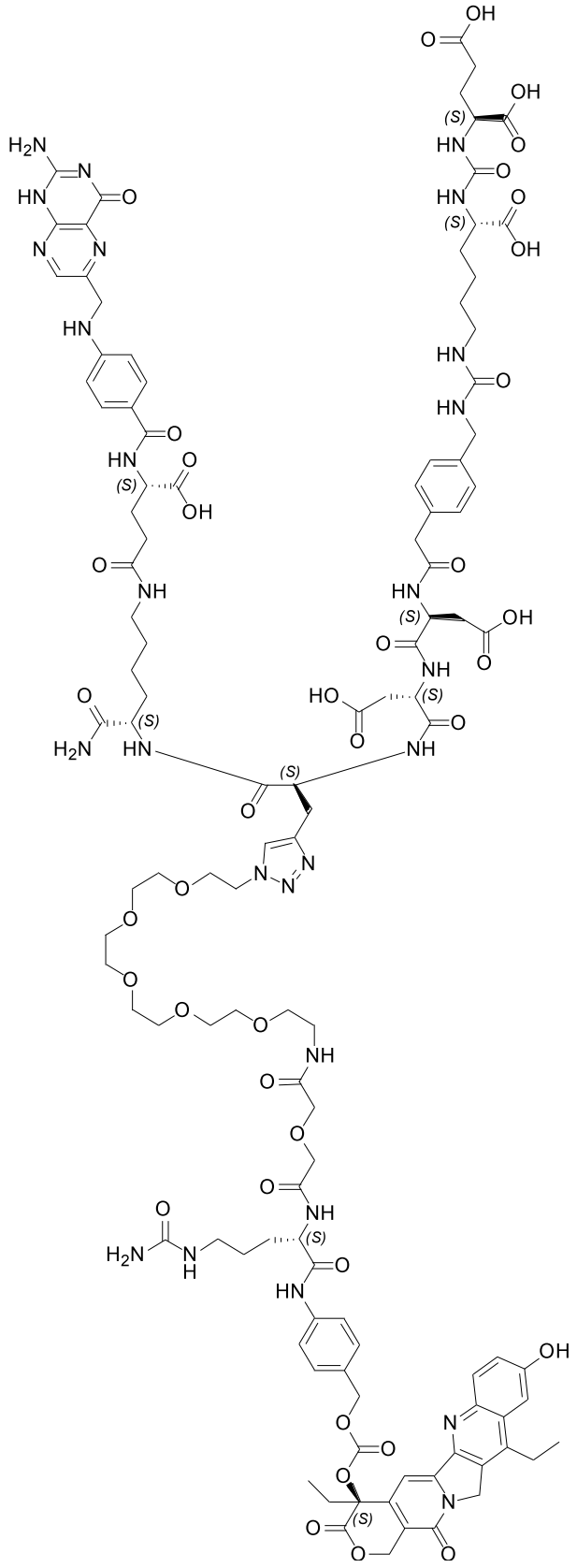
CB-20B

Fig. 1



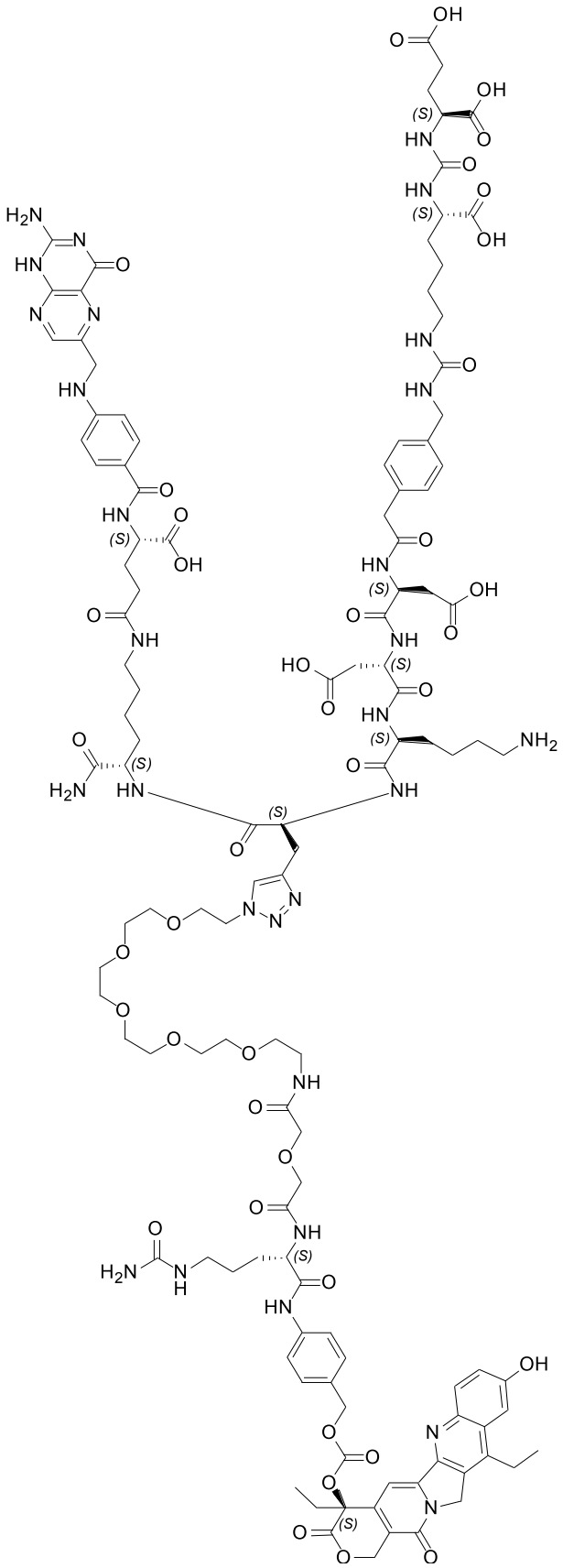
CB-20BK

Fig. 1 (continued)



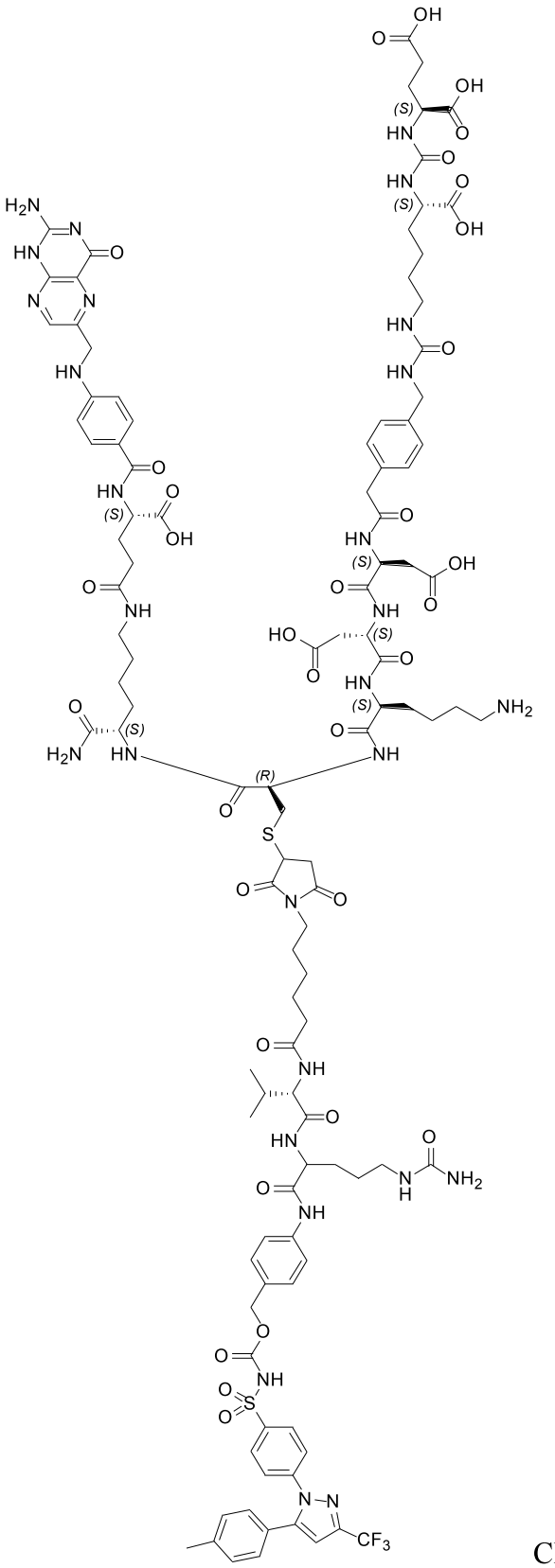
CB-60S

Fig. 1 (continued)



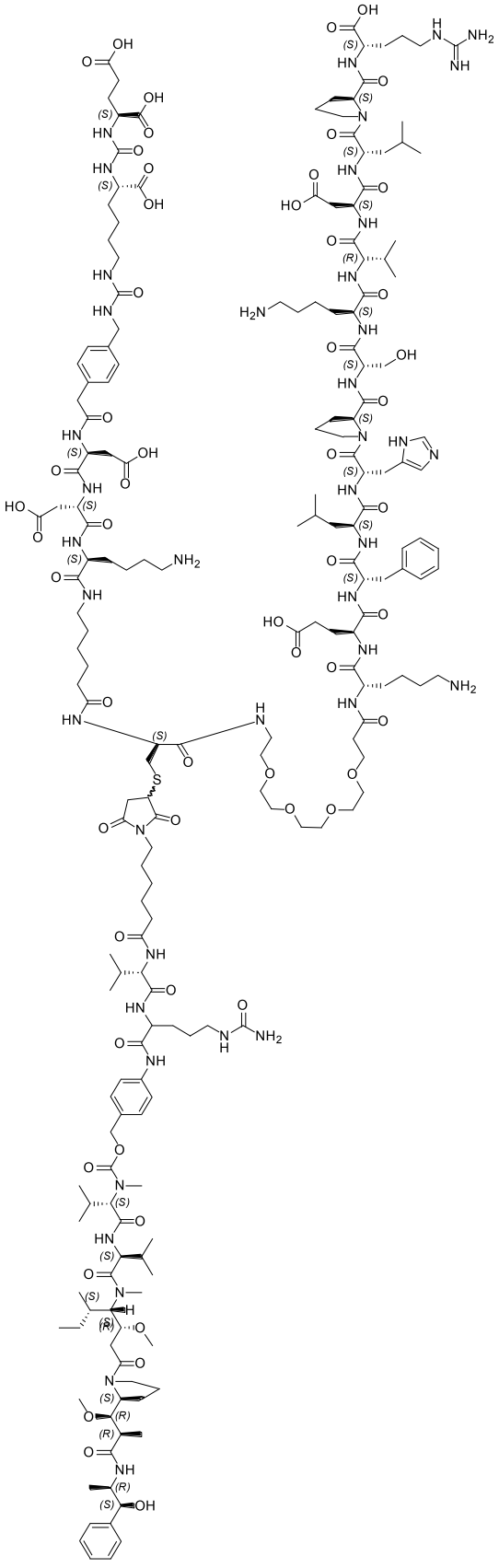
CB-60SK

Fig. 1 (continued)



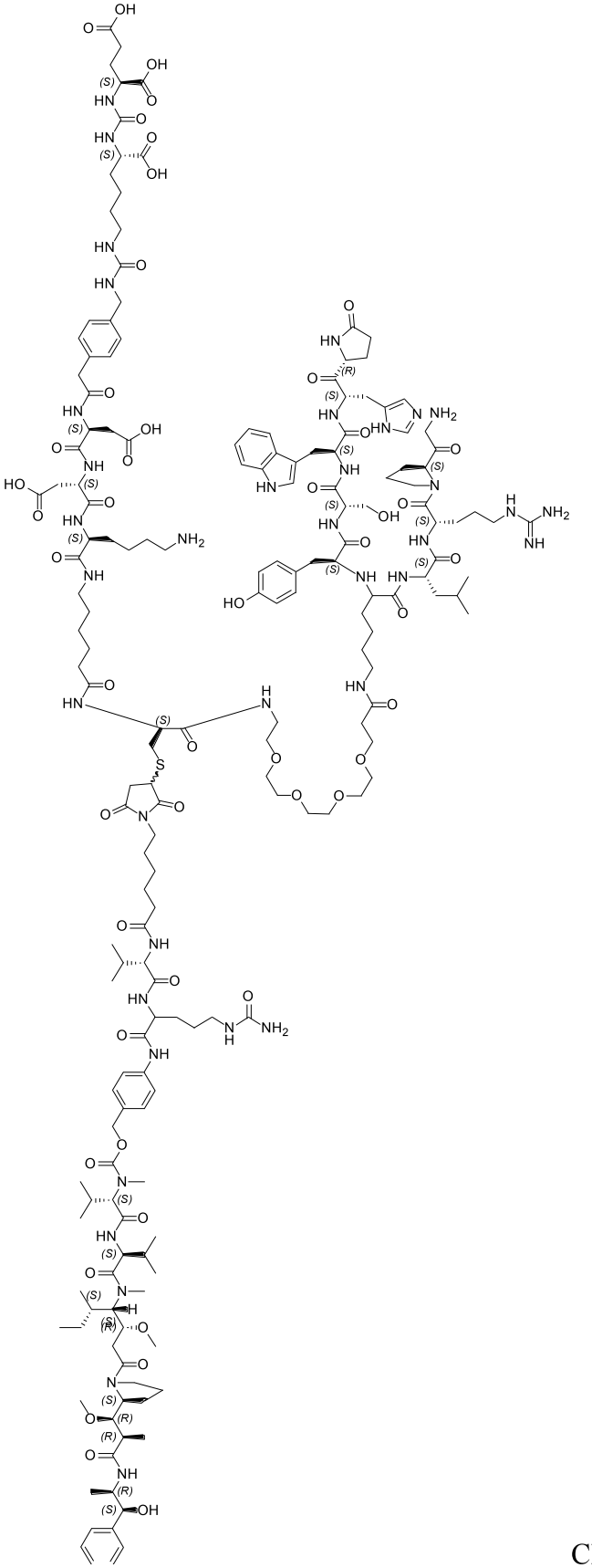
CB-20C

Fig. 1 (continued)



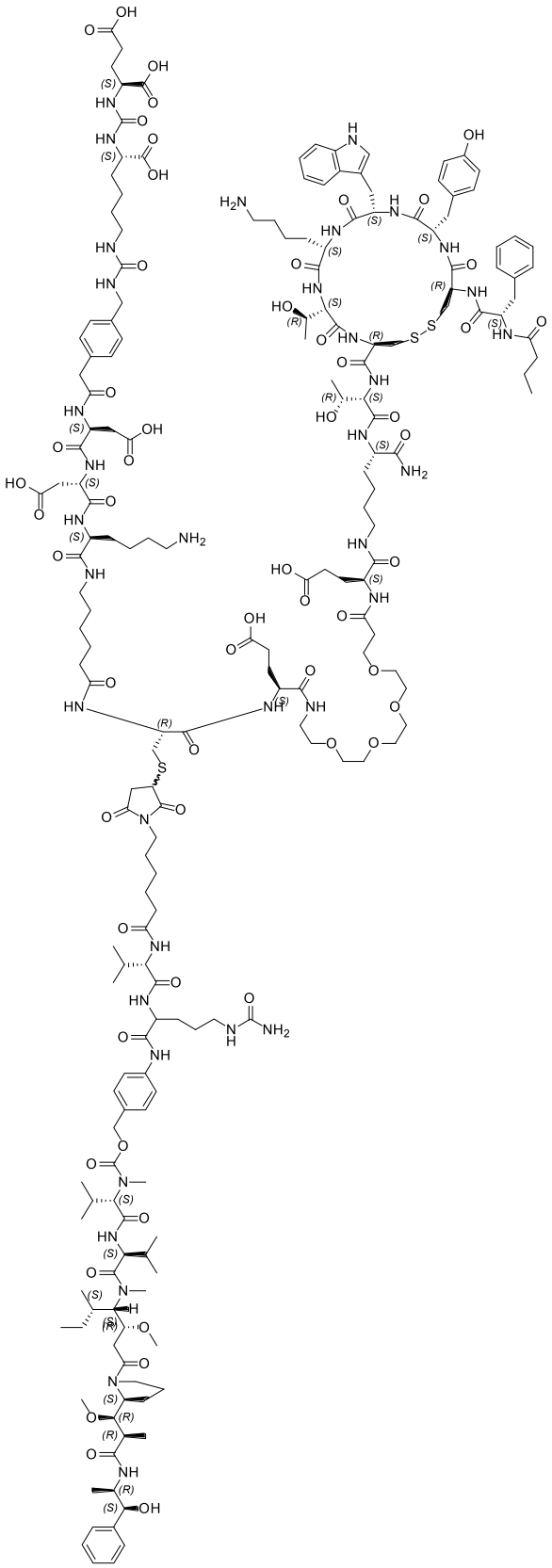
CB-1020

Fig. 1 (continued)



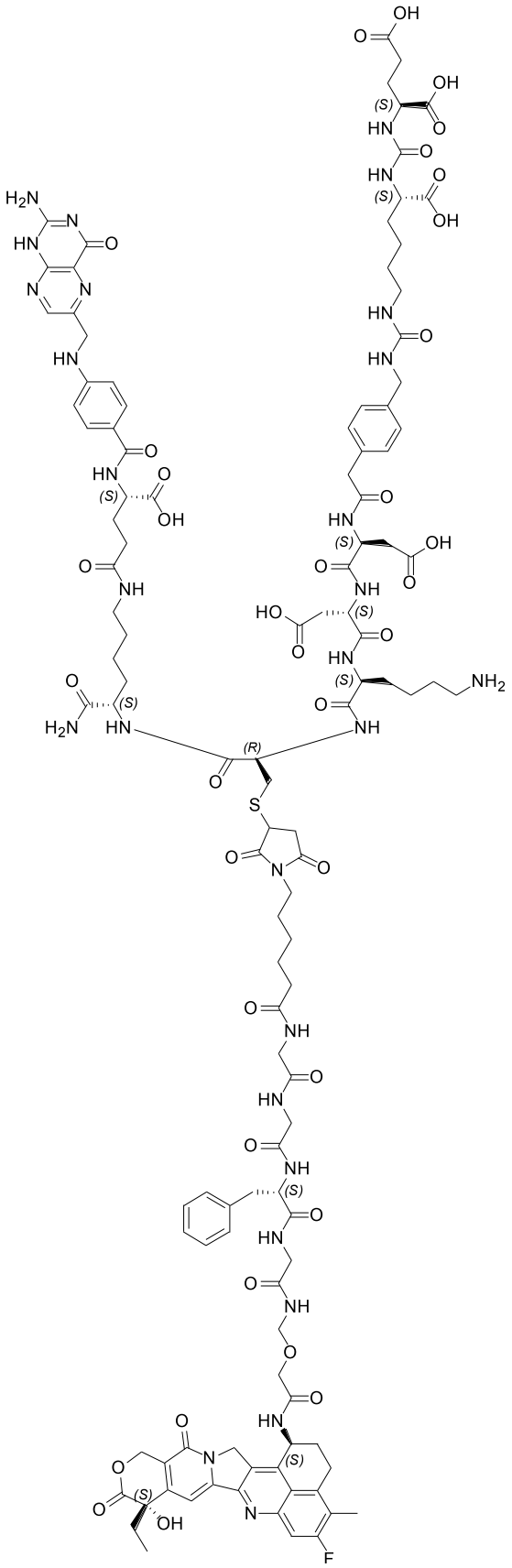
CB-1320

Fig. 1 (continued)



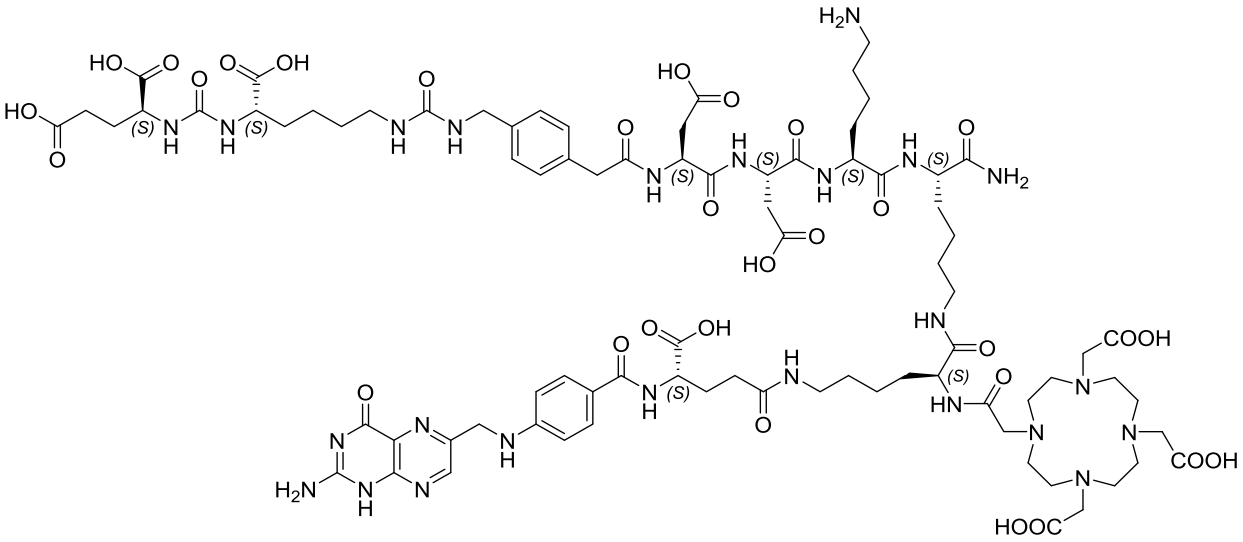
CB-1820

Fig. 1 (continued)

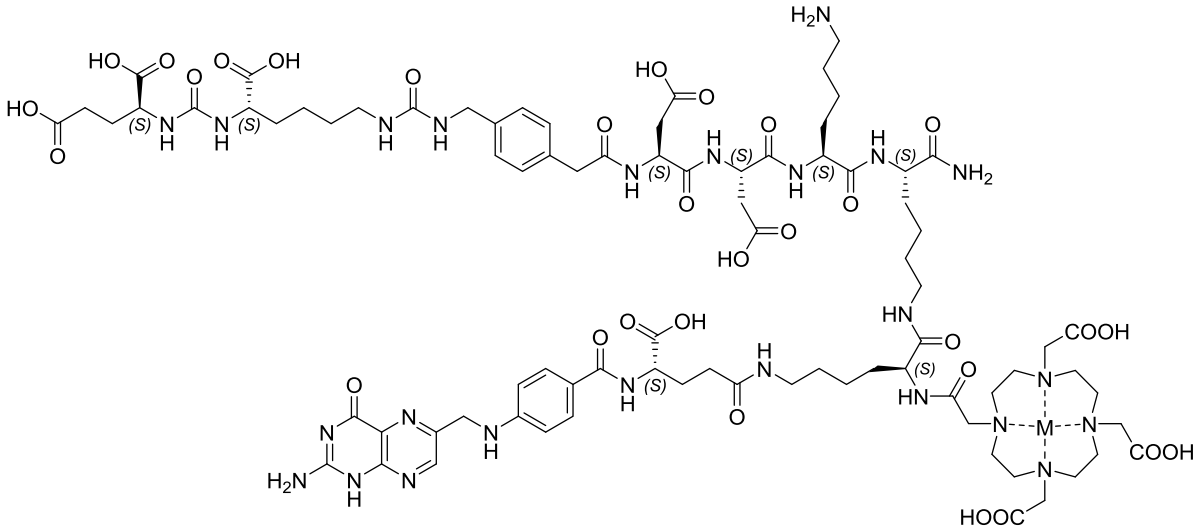


CR19428

Fig. 1 (continued)

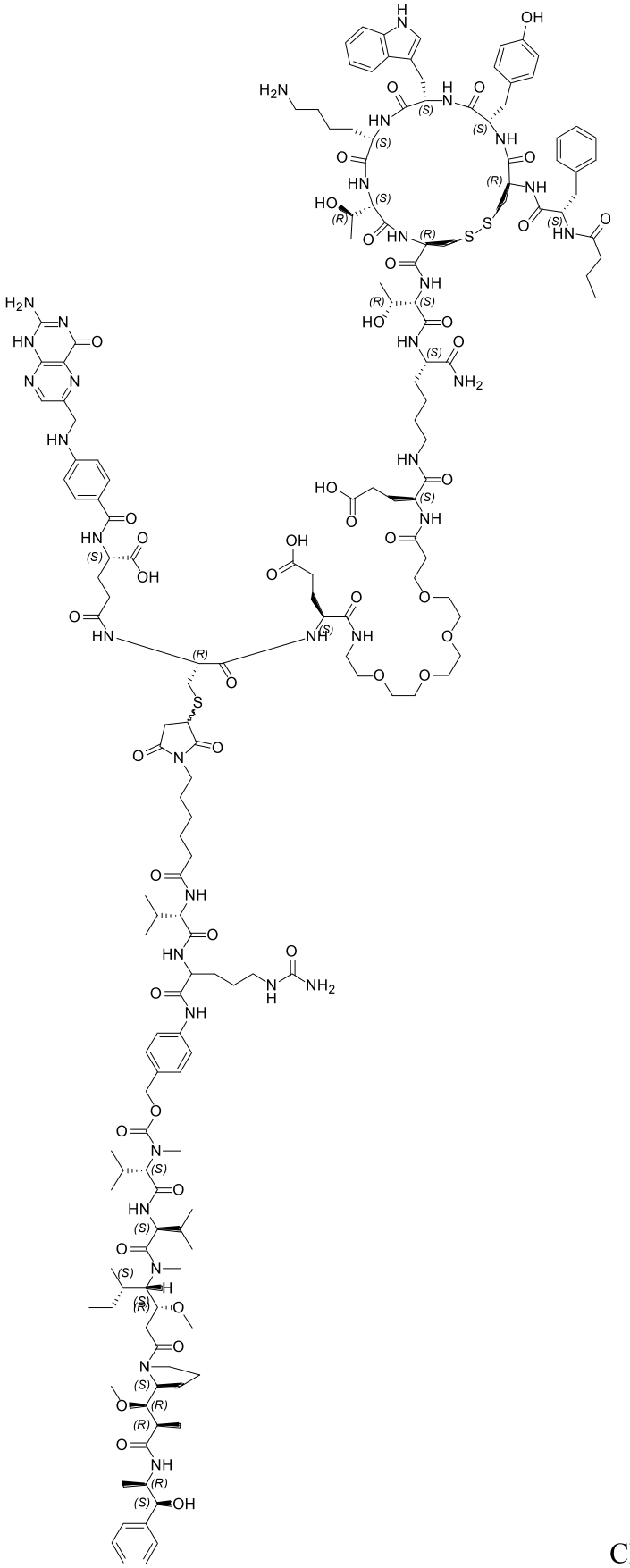


20R-SM09



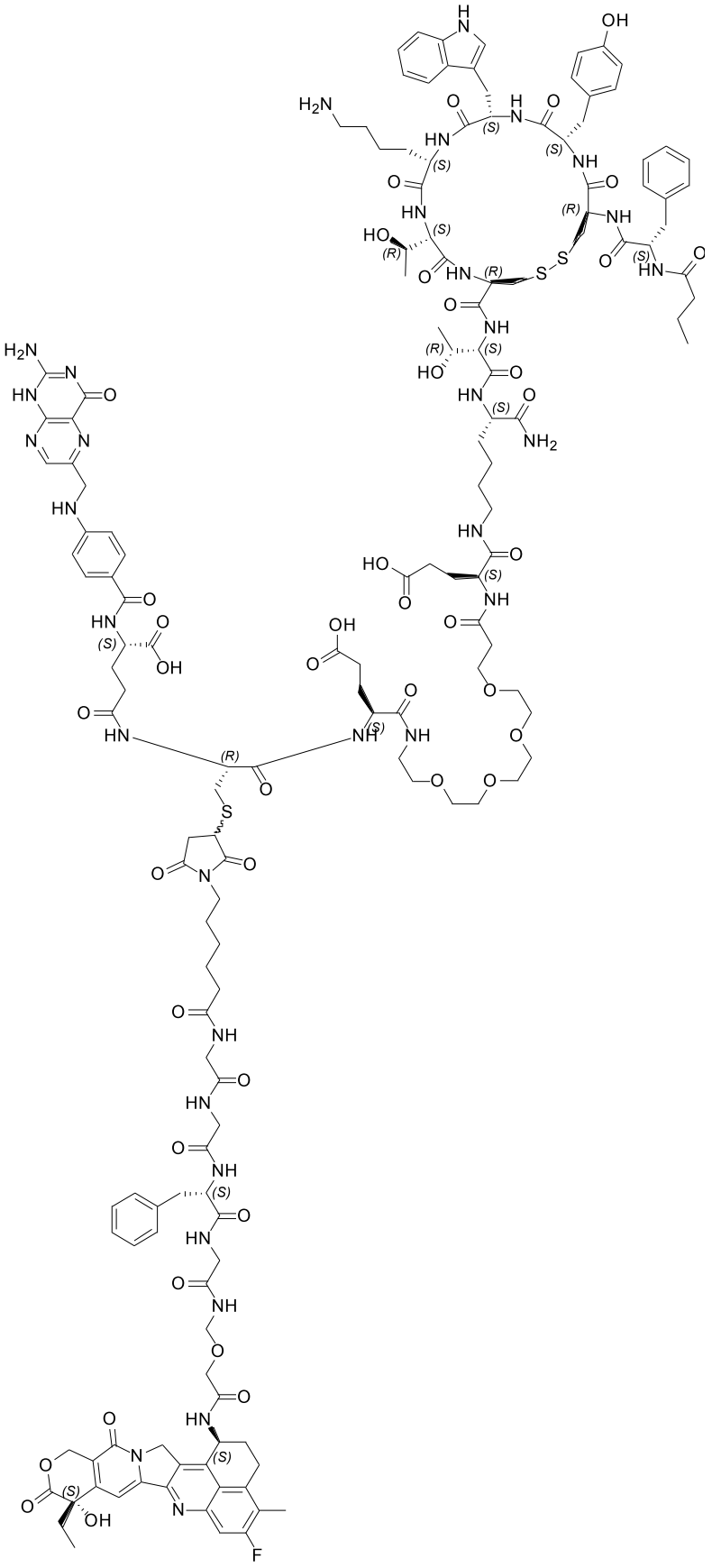
CB-20R

Fig. 1 (continued)



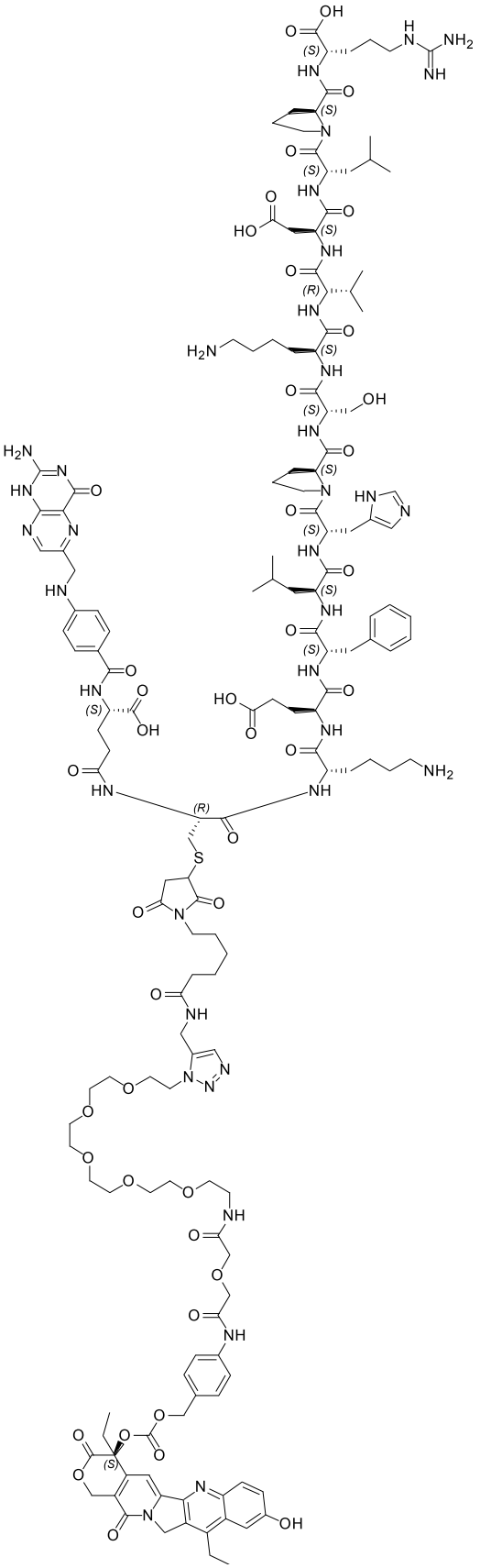
CB-18G

Fig. 1 (continued)



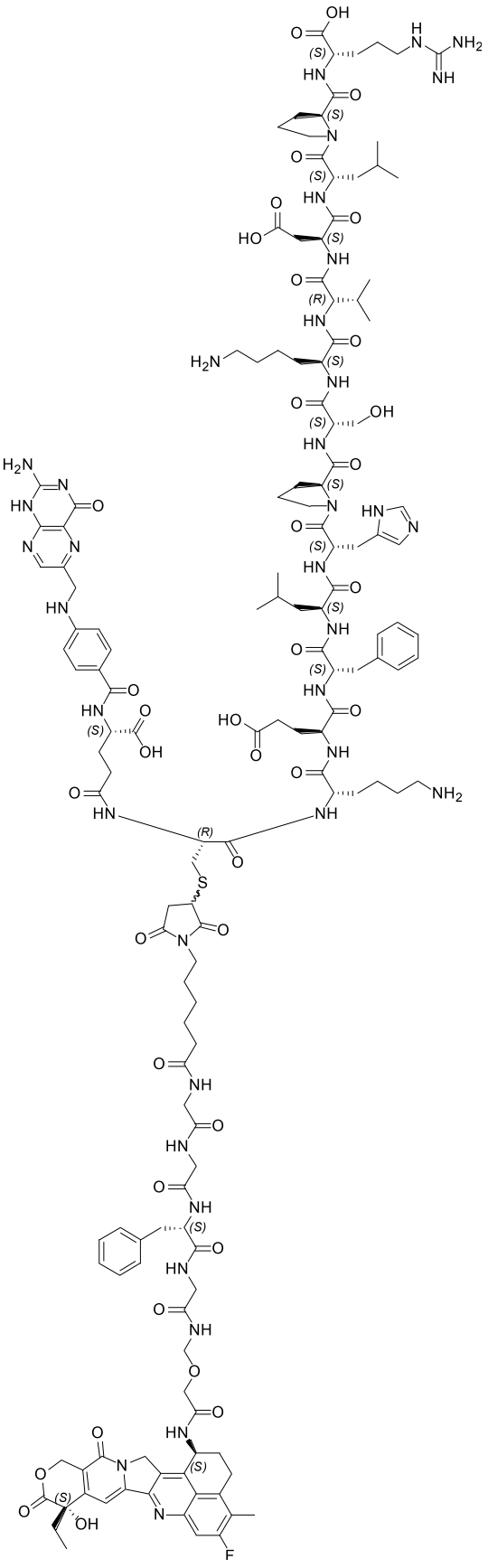
CR19426

Fig. 1 (continued)



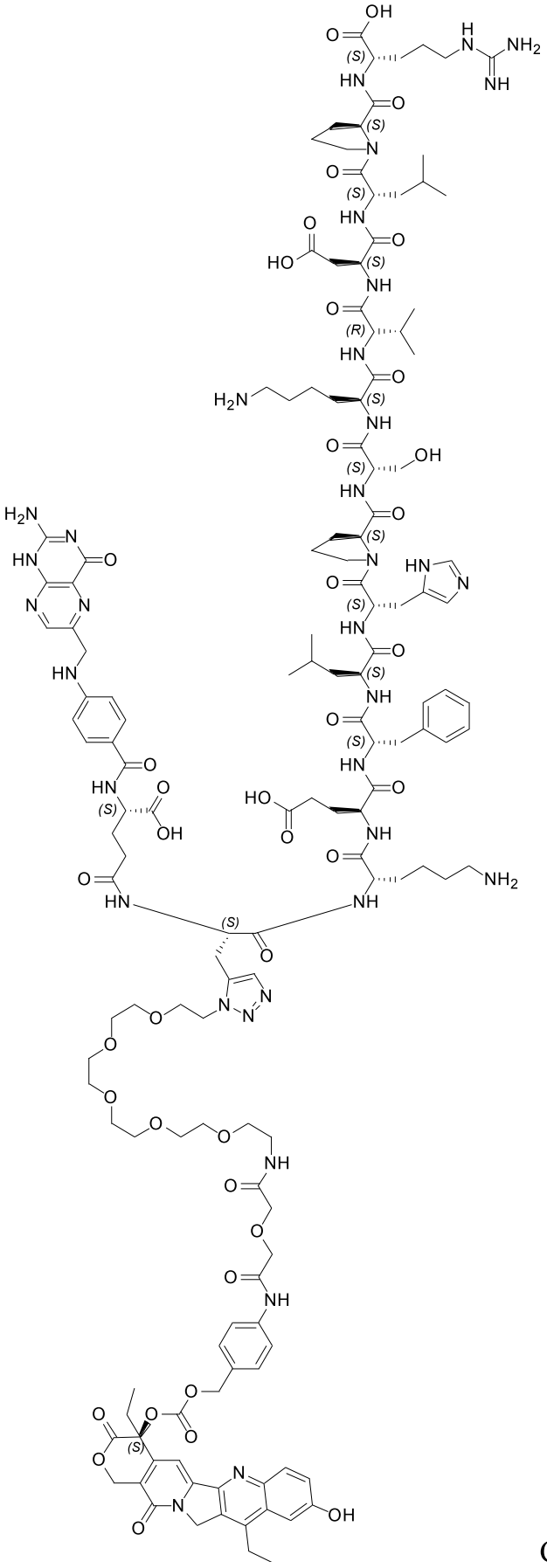
CB-10S

Fig. 1 (continued)



CR19425

Fig. 1 (continued)



CB-50S

Fig. 1 (continued)

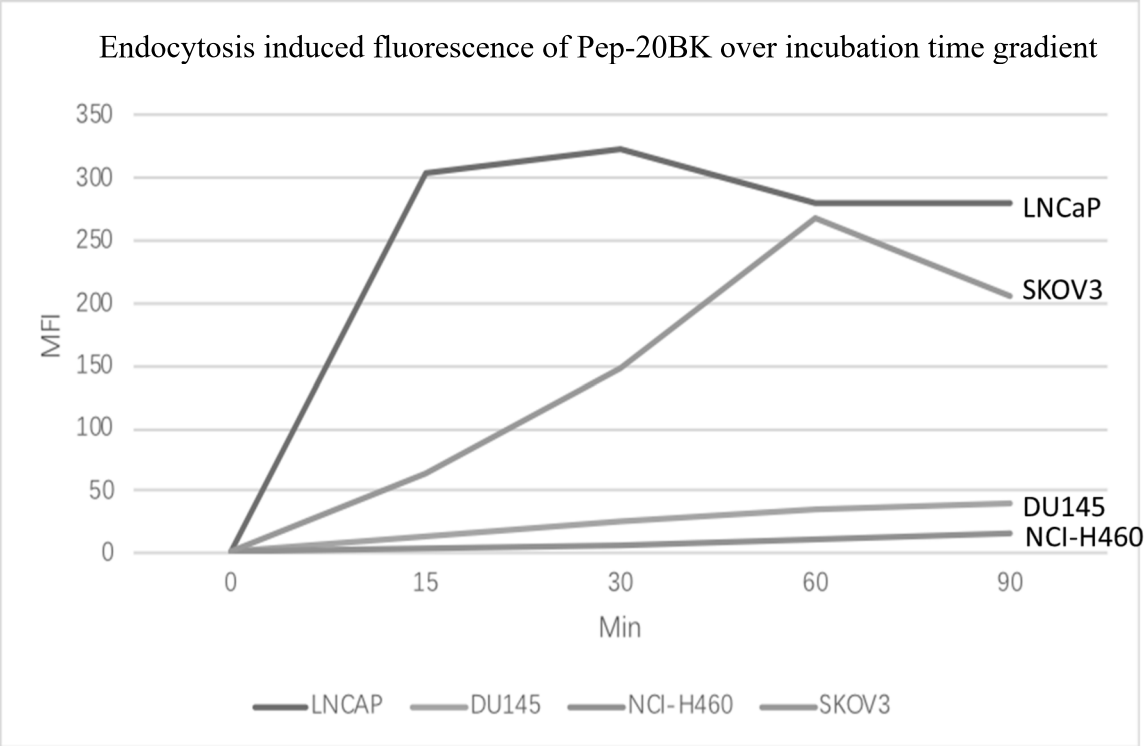

Endocytosis induced fluorescence of Pep-20BK over incubation time gradient
350
300
250
200
150
100
50
0
MFI
0
15
30
60
90
Min
LNCaP
SKOV3
DU145
NCI-H460
LNCAP
DU145
NCI-H460
SKOV3

Fig. 2A

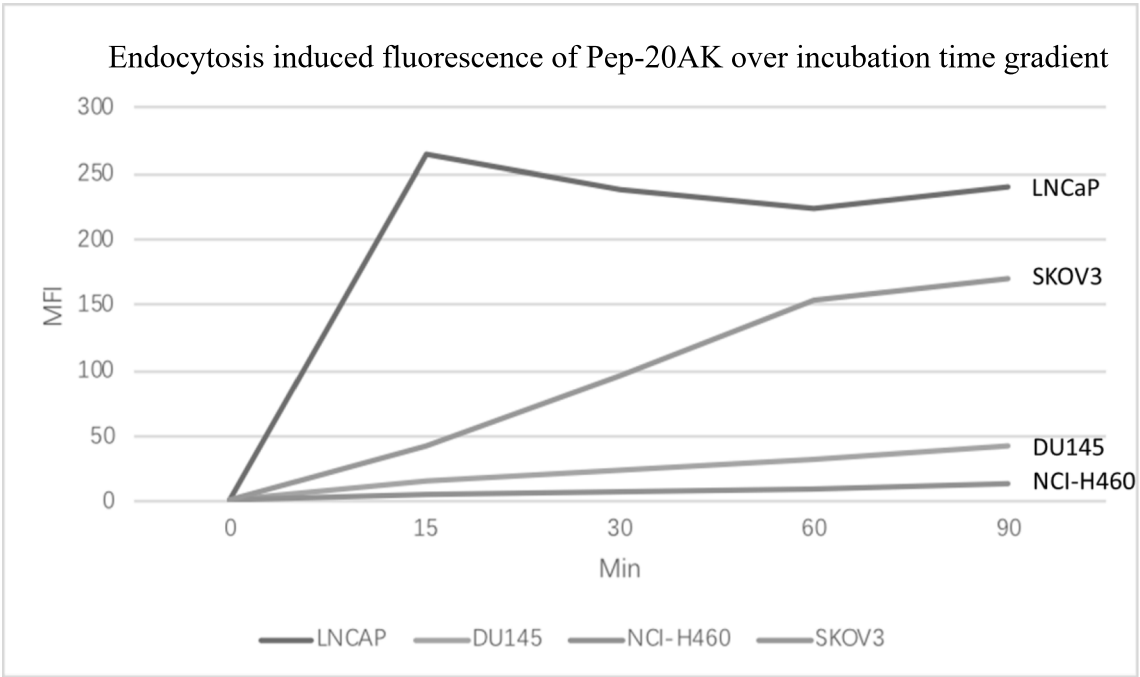
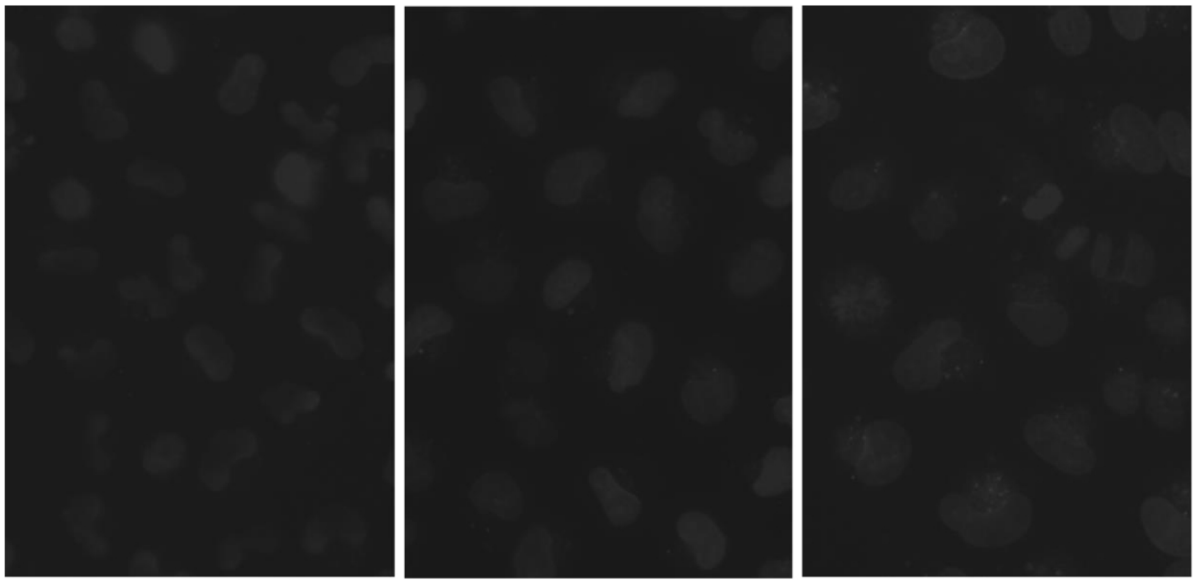
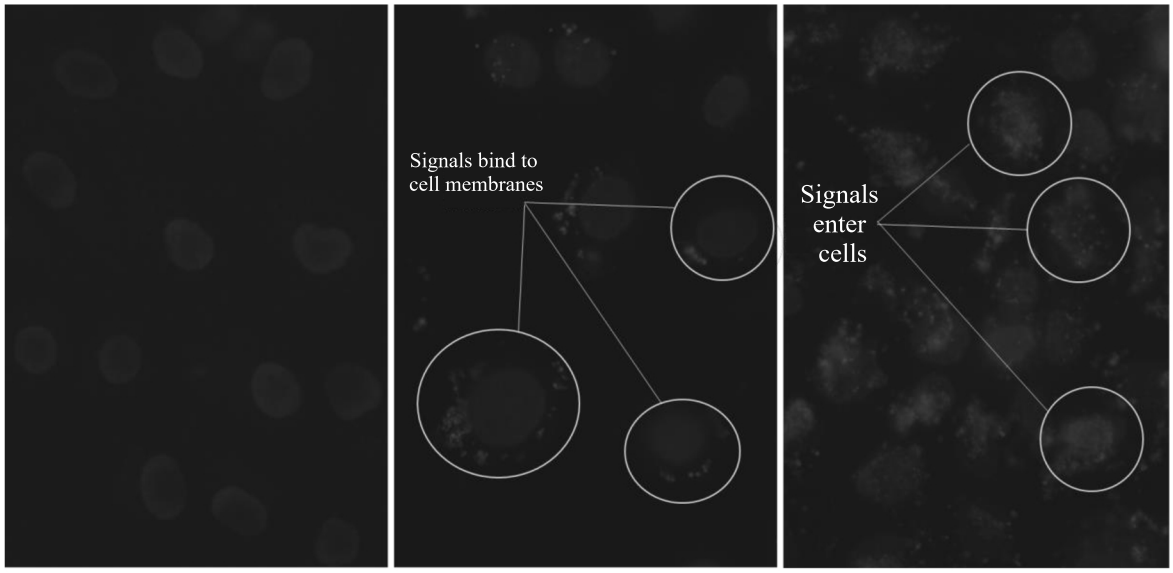

Endocytosis induced fluorescence of Pep-20AK over incubation time gradient
300
250
200
150
100
50
0
MFI
0
15
30
60
90
Min
LNCaP
SKOV3
DU145
NCI-H460
LNCAP
DU145
NCI-H460
SKOV3

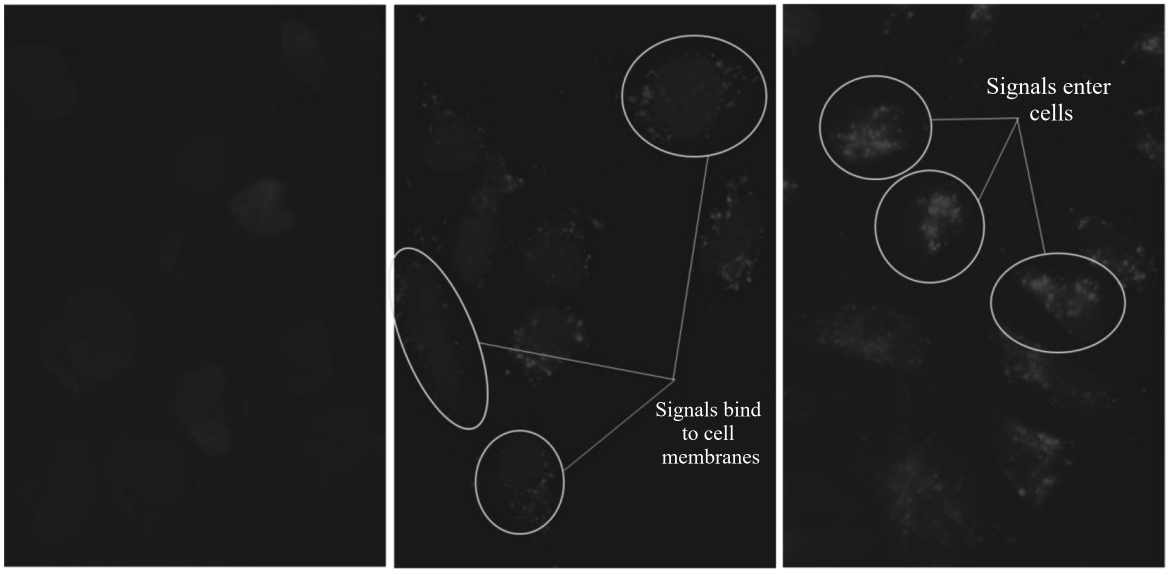
Fig. 2B



A549 cells: sample without incubation | A549 cells: incubated with Cy5-FA for 15 min | A549 cells: incubated with Cy5-FA for 30 min

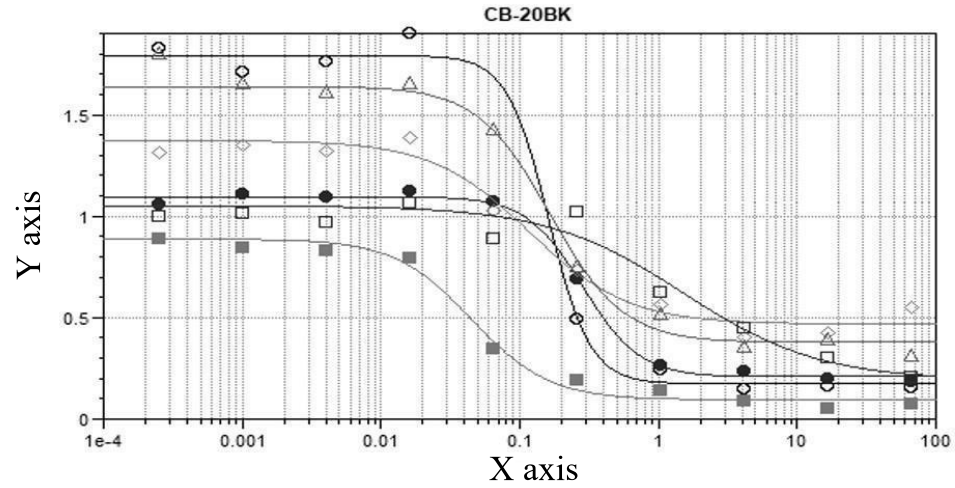


SKOV3 cells: sample without incubation | SKOV3 cells: incubated with Cy5-FA for 15 min | SKOV3 cells: incubated with Cy5-FA for 30 min



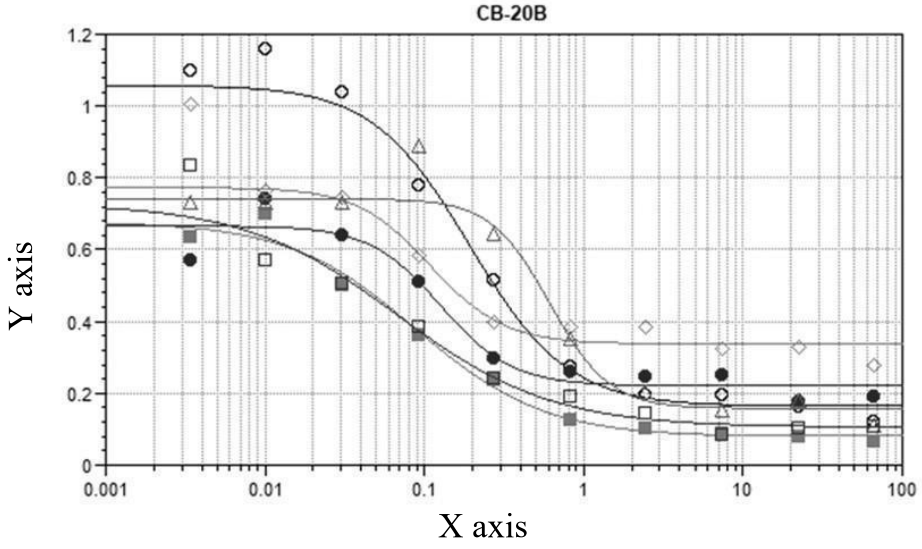
Hela cells: sample without incubation | Hela cells: incubated with Cy5-FA for 15 min | Hela cells: incubated with Cy5-FA for 30 min

Fig. 3



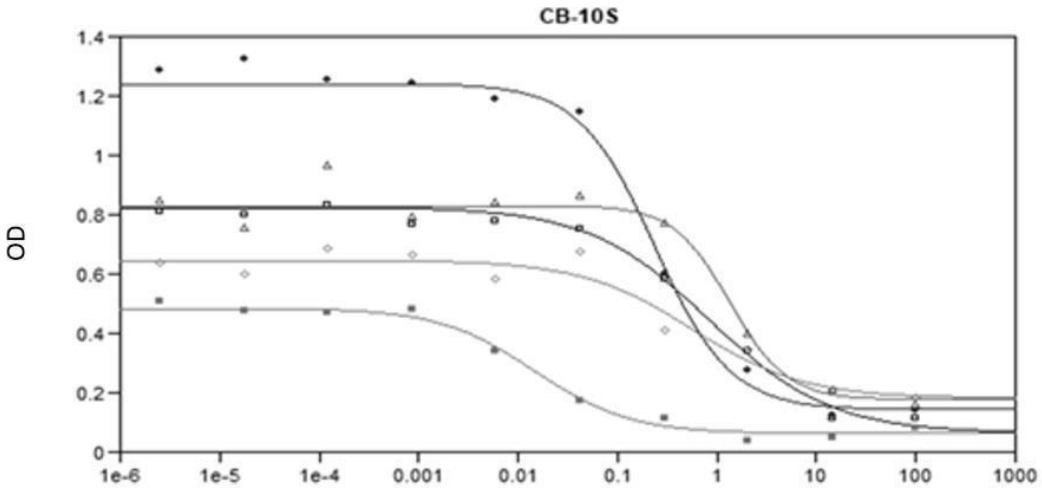
4-parameter fitting : y = (A - D)/(1 + (x/C)^B) + D:	A	B	C	D	R^2
KB (20BK KB: concentration vs mean)	1.79	2.9	0.162	0.173	0.996
LNcap (20BK LNcap: concentration vs mean)	0.889	1.55	0.0448	0.0938	0.989
T-47D (20BK T-47D: concentration vs mean)	1.1	2.12	0.285	0.206	0.998
HuH-7 (20BK HuH-7: concentration vs mean)	1.37	1.22	0.118	0.467	0.979
CALU-3 (20BK CALU-3: concentration vs mean)	1.64	1.65	0.166	0.377	0.977
NCI-H460 (20BK NCI-H460: concentration vs mean)	1.05	0.88	1.5	0.191	0.936

Fig. 4A



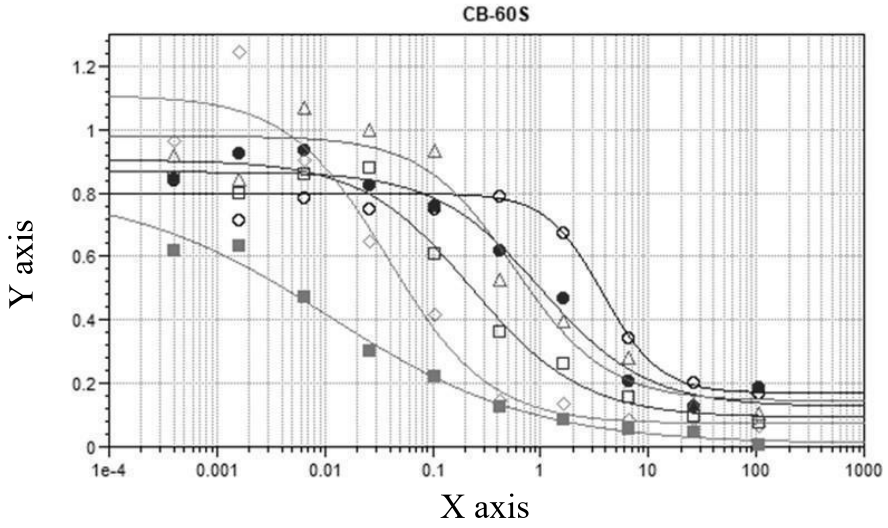
4-parameter fitting : y = (A - D)/(1 + (x/C)^B) + D:	A	B	C	D	R^2
○ DU145 (20B DU145: concentration vs mean)	1.06	1.42	0.193	0.164	0.972
■ LNcap (20B LNcap: concentration vs mean)	0.678	1.08	0.0885	0.0785	0.987
● T47D (20B T47D: concentration vs mean)	0.668	1.93	0.126	0.221	0.955
◇ KB (20B KB: concentration vs mean)	0.775	1.87	0.109	0.337	0.787
△ A549 (20B A549: concentration vs mean)	0.743	2.33	0.613	0.157	0.954
□ HuH-7 (20B HuH-7: concentration vs mean)	0.73	0.9	0.0676	0.105	0.952

Fig. 4B



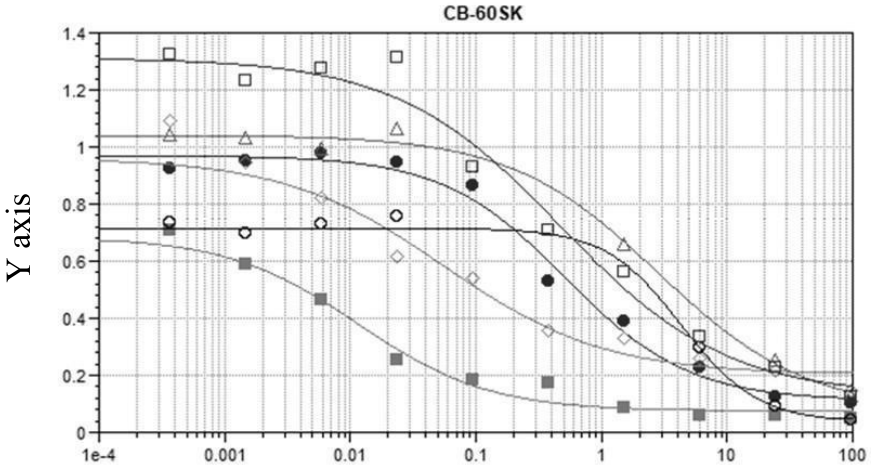
4-parameter fitting : y = (A - D)/(1 + (x/C)^B) + D:	A	B	C	D	R^2
KB (10S KB: concentration vs mean)	0.827	0.716	0.834	0.0638	0.979
LNcap (10S LNcap: concentration vs mean)	0.486	0.898	0.0144	0.0614	0.99
RT4 (10S RT4: concentration vs mean)	0.647	0.776	0.556	0.181	0.944
T-47D (10S T-47D: concentration vs mean)	1.24	1.15	0.237	0.142	0.987
NCI-H460 (10S NCI-H460: concentration vs mean)	0.832	1.51	1.35	0.176	0.955

Fig. 4C



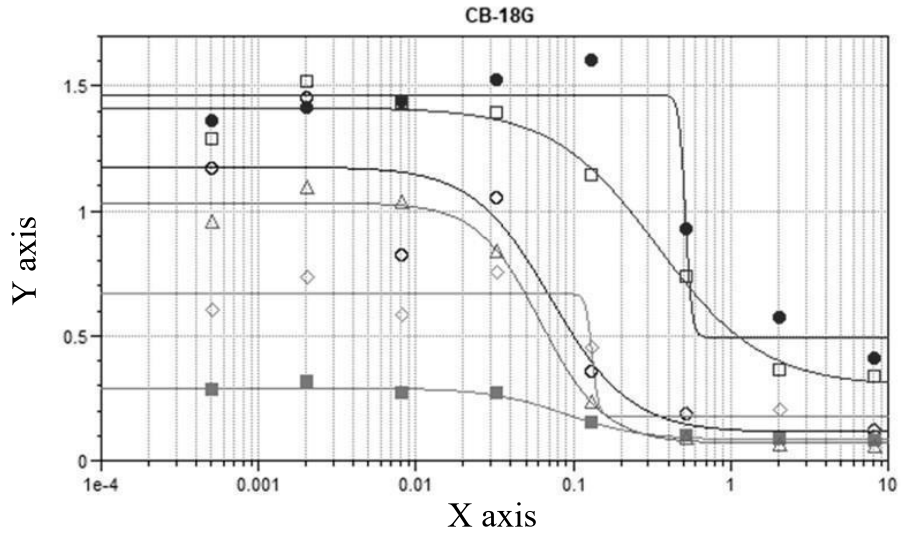
4-parameter fitting： y = (A - D)/(1 + (x/C)^B) + D:	A	B	C	D	R^2
○ 60S T-47D (60S-T-47D: concentration vs mean)	0.8	1.64	3.77	0.169	0.945
■ 60S LNcap (60S-LNcap: concentration vs mean)	0.813	0.463	0.0109	0.00871	0.991
● 60S CALU-3 (60S-CALU-3: concentration vs mean)	0.869	0.891	1.01	0.126	0.976
◇ 60S HuH-7 (60S-HuH-7: concentration vs mean)	1.11	0.929	0.039	0.0724	0.972
△ 60S KB (60S-KB: concentration vs mean)	0.981	1.01	0.574	0.144	0.955
□ 60S NCI-H460 (60S-NCI-H460: concentration vs mean)	0.905	0.846	0.232	0.0926	0.974

Fig. 4D



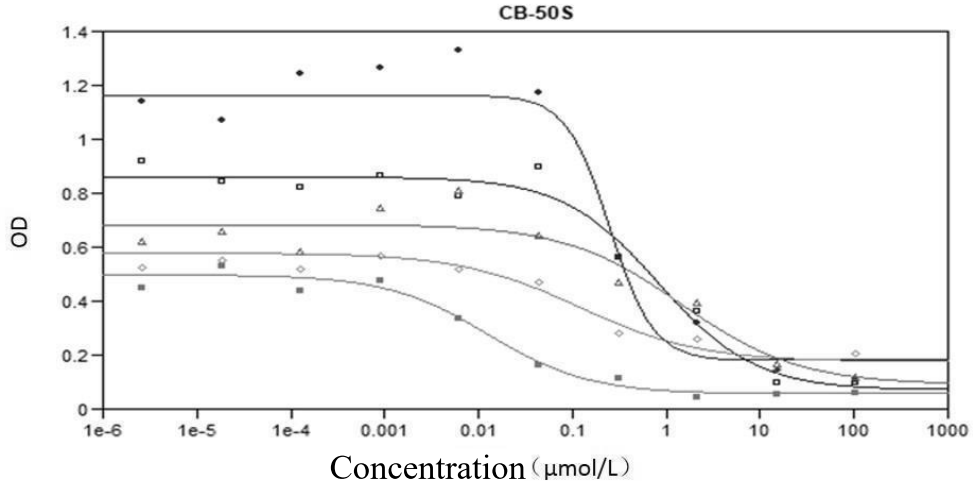
4-parameter fitting ： y = (A - D)/(1 + (x/C)^B) + D:	A	B	C	D	R^2
■ LNcap (CB-60SK LNcap: concentration vs mean)	0.686	0.831	0.0114	0.074	0.98
● T-47D (CB-60SK T-47D: concentration vs mean)	0.971	0.885	0.517	0.111	0.99
◇ HuH-7 (CB-60SK HuH-7: concentration vs mean)	0.962	0.681	0.0556	0.203	0.94
○ KB (CB-60SK KB1: concentration vs mean)	0.716	1.42	4.32	0.0356	0.991
△ CALU-3 (CB-60SK CALU-3: concentration vs mean)	1.04	0.732	2.84	0.0722	0.995
□ NCI-H460 (CB-60SK NCI-H460: concentration vs mean)	1.31	0.662	0.476	0.128	0.981

Fig. 4E



4-parameter fitting : y = (A - D)/(1 + (x/C)^B) + D:	A	B	C	D	R^2
○ A549 (A549: concentration vs mean)	1.18	1.73	0.0726	0.112	0.901
■ T47D (T47D: concentration vs mean)	0.292	1.71	0.089	0.0812	0.987
● NCI-H460 (NCI-H460: concentration vs mean)	1.47	21.2	0.515	0.491	0.966
◇ U-2 OS (U-2 OS: concentration vs mean)	0.67	20.8	0.132	0.173	0.94
△ Hela (Hela: concentration vs mean)	1.03	2.14	0.0623	0.0681	0.994
□ SCLC-21H (SCLC-21H: concentration vs mean)	1.42	1.3	0.344	0.297	0.981

Fig. 4F



4-parameter fitting ：y = (A - D)/(1 + (x/C)^B) + D:	A	B	C	D	R^2
KB (50S KB: concentration vs mean)	0.861	0.845	0.83	0.0697	0.975
LNcap (50S LNcap: concentration vs mean)	0.499	0.801	0.0124	0.0552	0.975
T-47D (50S T-47D: concentration vs mean)	1.16	1.86	0.25	0.179	0.933
RT4 (50S RT4: concentration vs mean)	0.58	0.676	0.117	0.175	0.901
NCI-H460 (50S NCI-H460: concentration vs mean)	0.686	0.695	1.44	0.0902	0.914

Fig. 4G

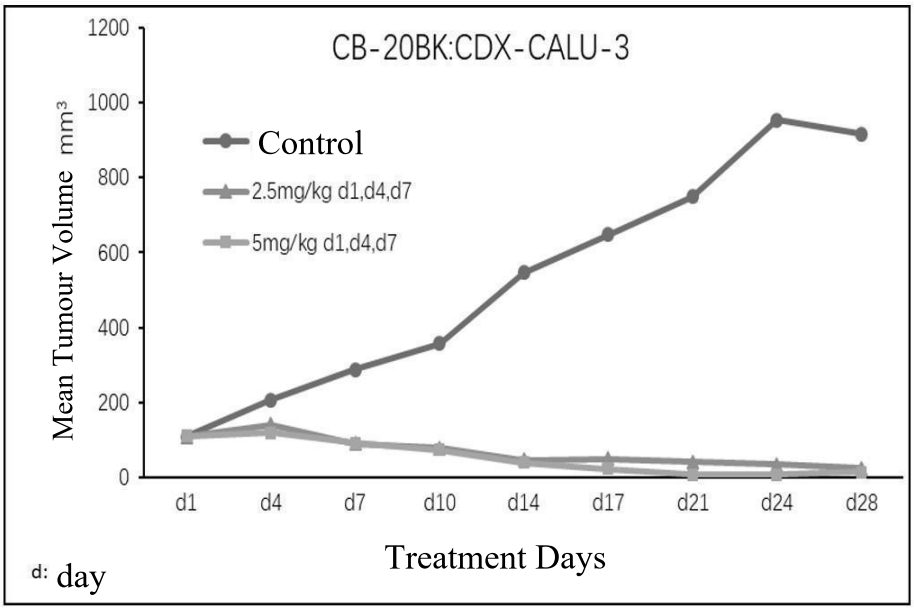

CB-20BK:CDX-CALU-3
Mean Tumour Volume mm³
1200
1000
800
600
400
200
0
Control
2.5mg/kg d1,d4,d7
5mg/kg d1,d4,d7
d1
d4
d7
d10
d14
d17
d21
d24
d28
Treatment Days
d: day

Fig. 5A

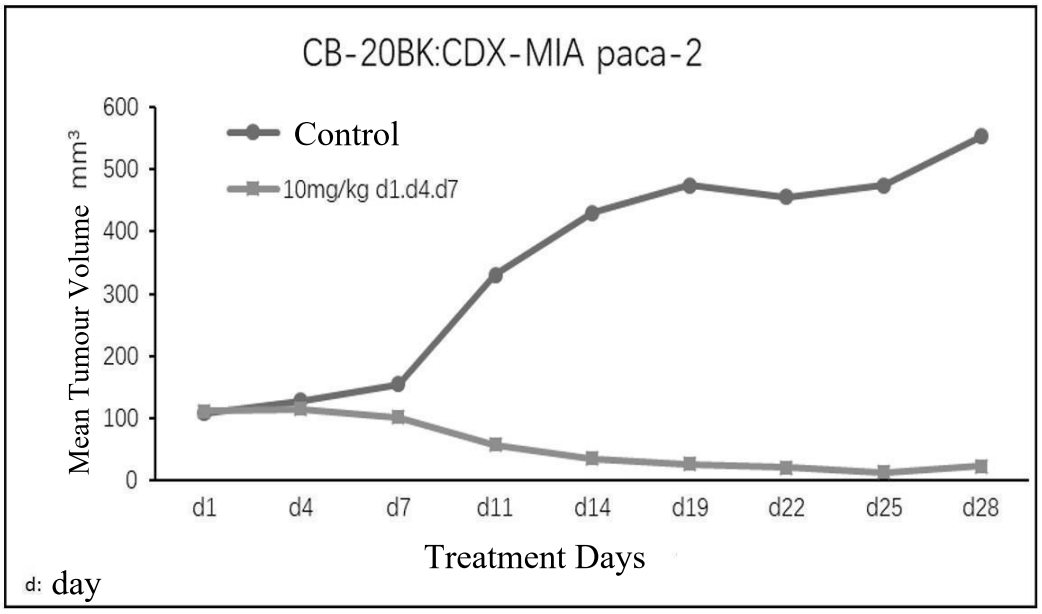

CB-20BK:CDX-MIA paca-2
Mean Tumour Volume mm³
600
500
400
300
200
100
0
Control
10mg/kg d1.d4.d7
d1
d4
d7
d11
d14
d19
d22
d25
d28
Treatment Days
d: day

Fig. 5B

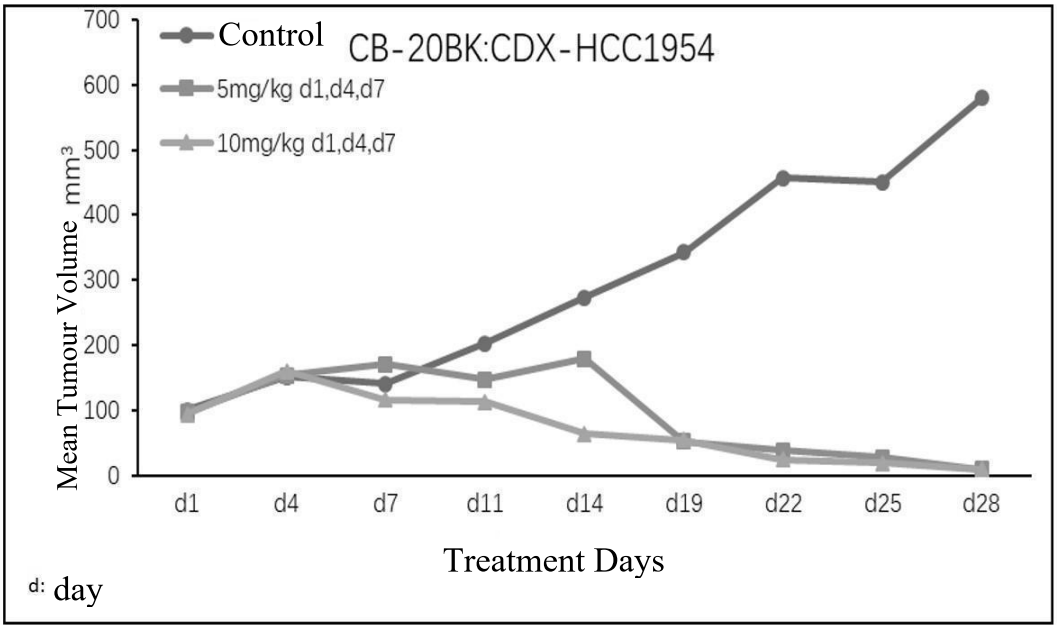

CB-20BK:CDX-HCC1954
Control
5mg/kg d1,d4,d7
10mg/kg d1,d4,d7
Mean Tumour Volume mm³
700
600
500
400
300
200
100
0
d1
d4
d7
d11
d14
d19
d22
d25
d28
Treatment Days
d: day

Fig. 5C

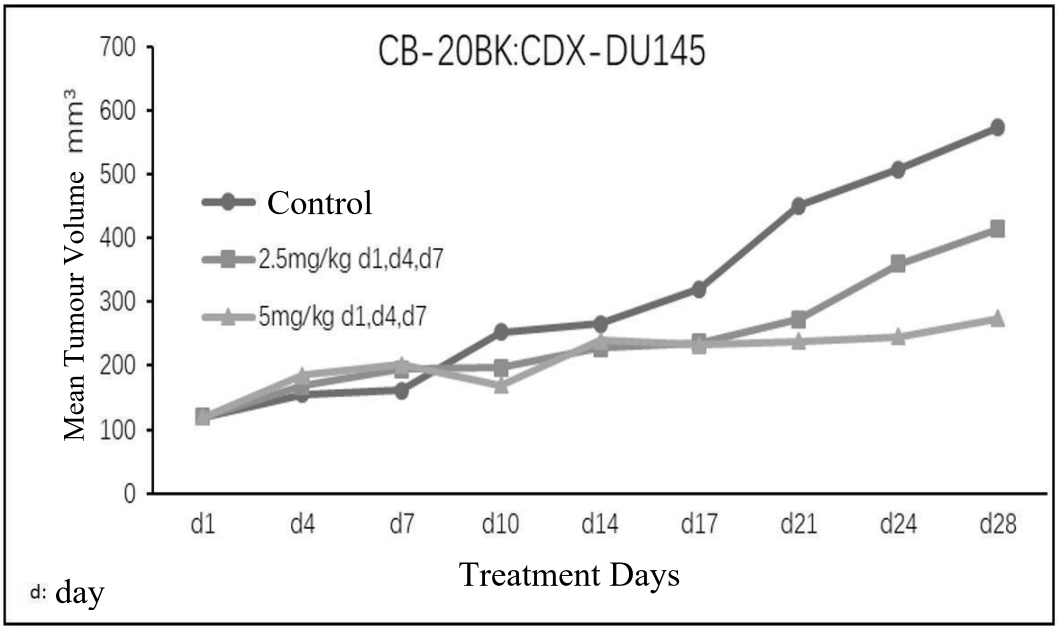

CB-20BK:CDX-DU145
Control
2.5mg/kg d1,d4,d7
5mg/kg d1,d4,d7
Mean Tumour Volume mm³
700
600
500
400
300
200
100
0
d1
d4
d7
d10
d14
d17
d21
d24
d28
Treatment Days
d: day

Fig. 5D

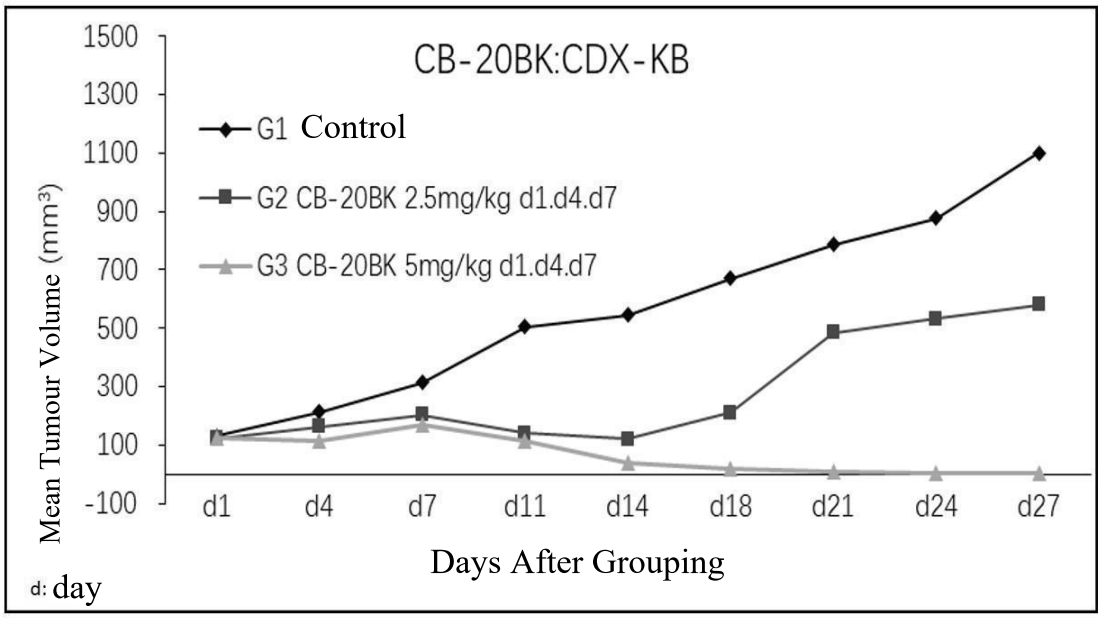

CB-20BK:CDX-KB
G1 Control
G2 CB-20BK 2.5mg/kg d1.d4.d7
G3 CB-20BK 5mg/kg d1.d4.d7
Mean Tumour Volume (mm³)
1500
1300
1100
900
700
500
300
100
-100
d1
d4
d7
d11
d14
d18
d21
d24
d27
Days After Grouping
d: day

Fig. 5E

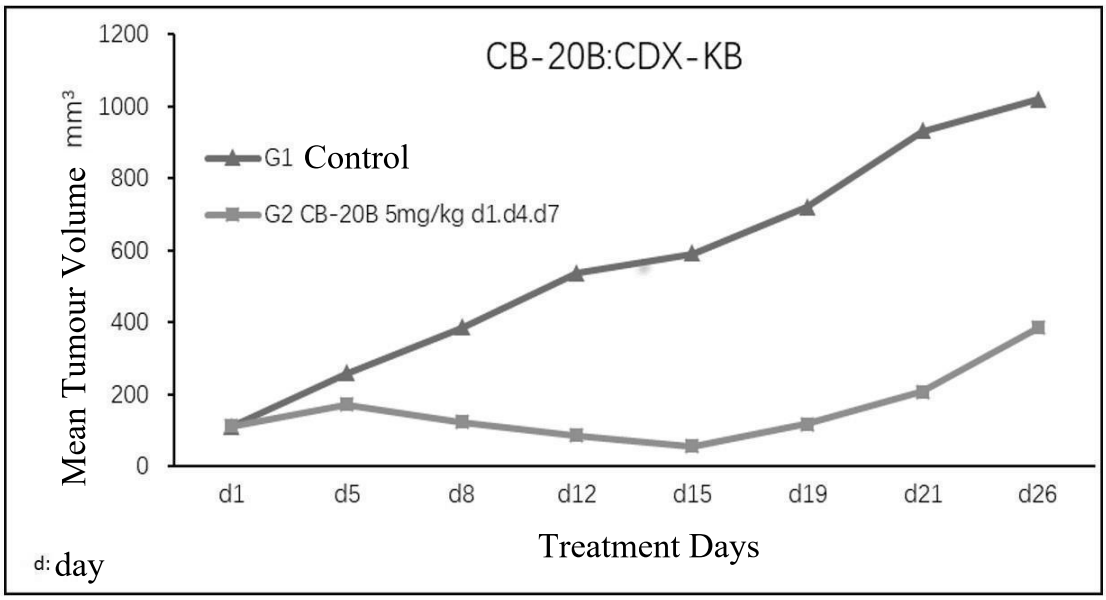

CB-20B:CDX-KB
Mean Tumour Volume mm³
1200
1000
800
600
400
200
0
G1 Control
G2 CB-20B 5mg/kg d1.d4.d7
d1
d5
d8
d12
d15
d19
d21
d26
Treatment Days
d: day

Fig. 6A

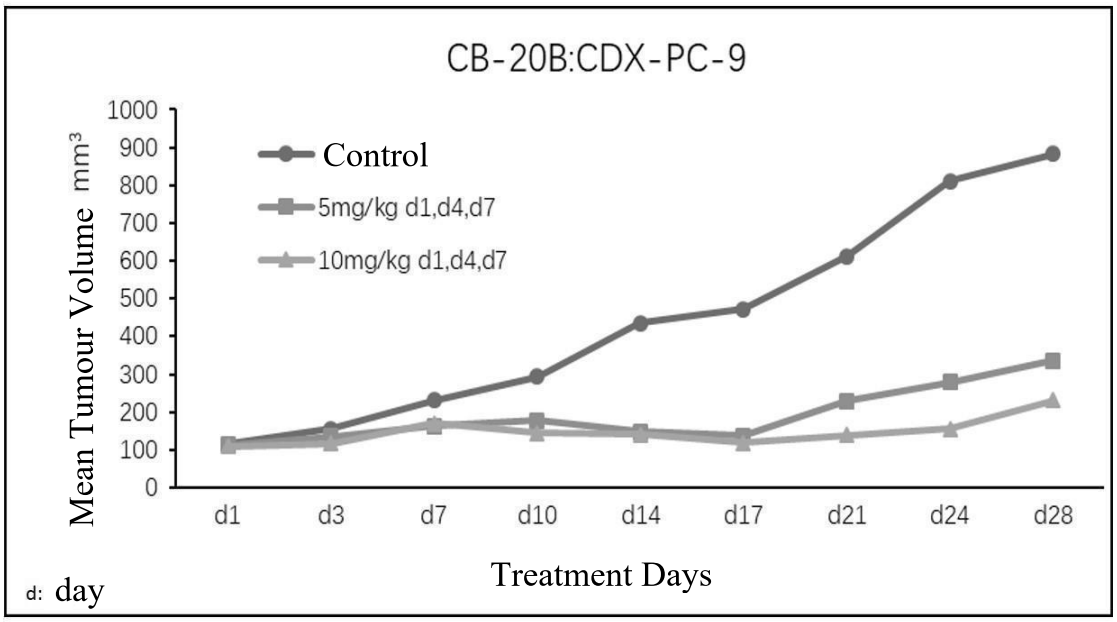

CB-20B:CDX-PC-9
Mean Tumour Volume mm³
1000
900
800
700
600
500
400
300
200
100
0
Control
5mg/kg d1,d4,d7
10mg/kg d1,d4,d7
d1
d3
d7
d10
d14
d17
d21
d24
d28
Treatment Days
d: day

Fig. 6B

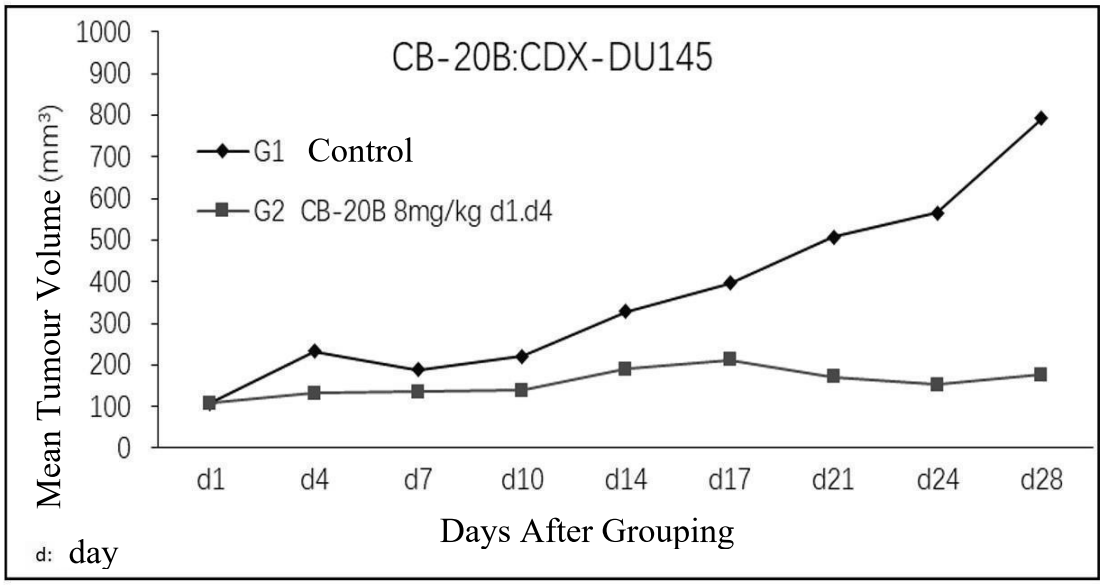

CB-20B:CDX-DU145
G1 Control
G2 CB-20B 8mg/kg d1.d4
Mean Tumour Volume (mm³)
1000
900
800
700
600
500
400
300
200
100
0
d1
d4
d7
d10
d14
d17
d21
d24
d28
Days After Grouping
d: day

Fig. 6C

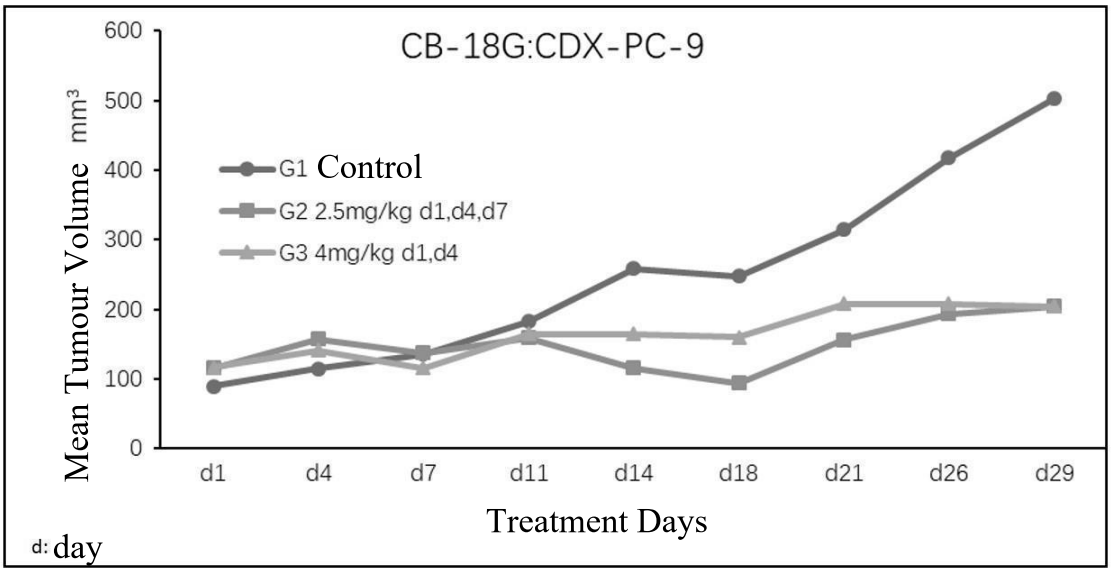

CB-18G:CDX-PC-9
Mean Tumour Volume mm³
600
500
400
300
200
100
0
G1 Control
G2 2.5mg/kg d1,d4,d7
G3 4mg/kg d1,d4
d1
d4
d7
d11
d14
d18
d21
d26
d29
Treatment Days
d: day

Fig. 7A

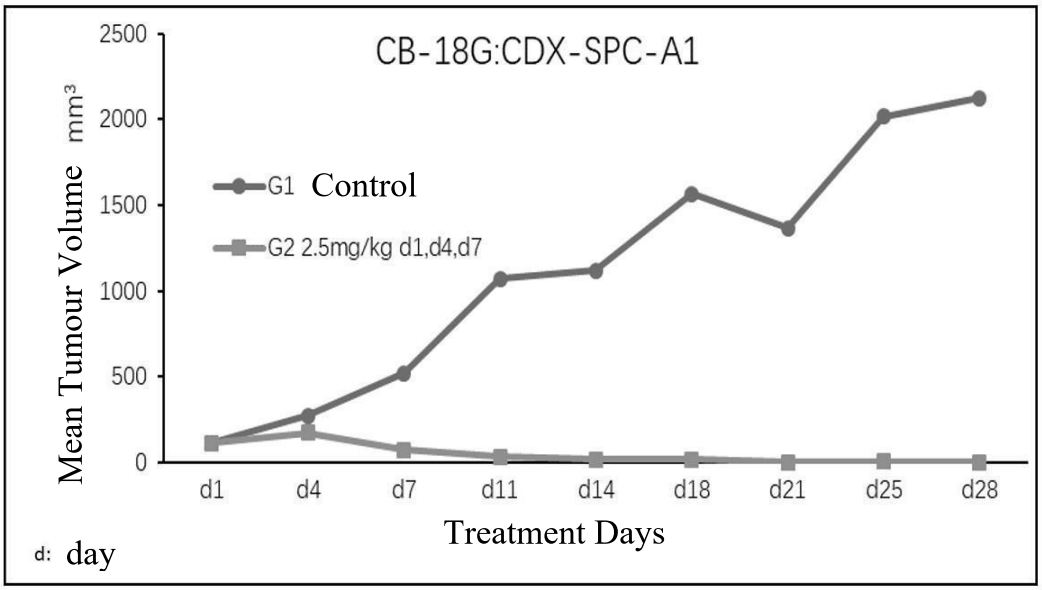

CB-18G:CDX-SPC-A1
Mean Tumour Volume mm³
2500
2000
1500
1000
500
0
G1 Control
G2 2.5mg/kg d1,d4,d7
d1
d4
d7
d11
d14
d18
d21
d25
d28
Treatment Days
d: day

Fig. 7B

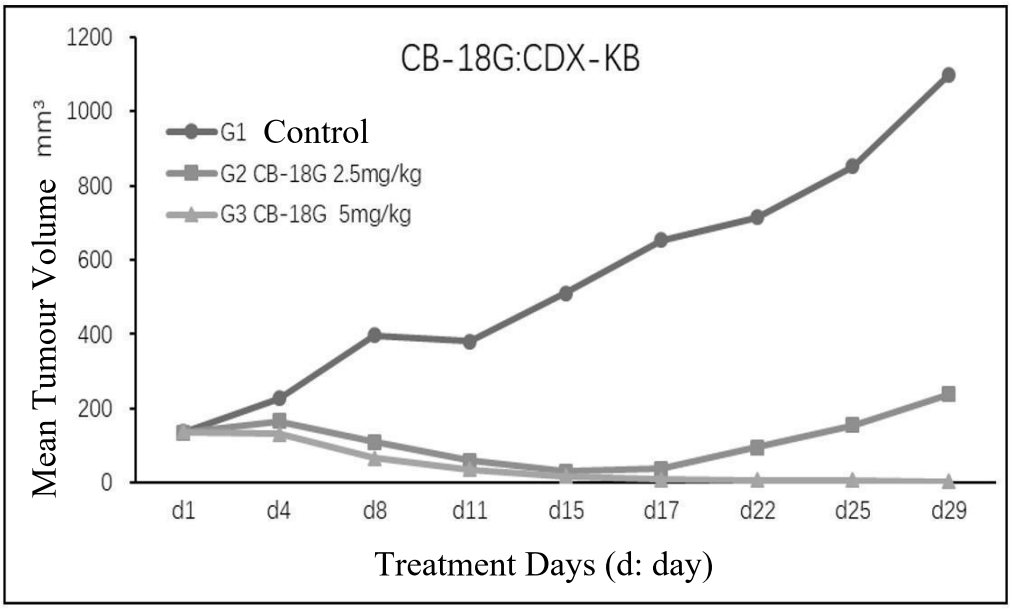

CB-18G:CDX-KB
G1 Control
G2 CB-18G 2.5mg/kg
G3 CB-18G 5mg/kg
Mean Tumour Volume mm³
1200
1000
800
600
400
200
0
d1
d4
d8
d11
d15
d17
d22
d25
d29
Treatment Days (d: day)

Fig. 7C

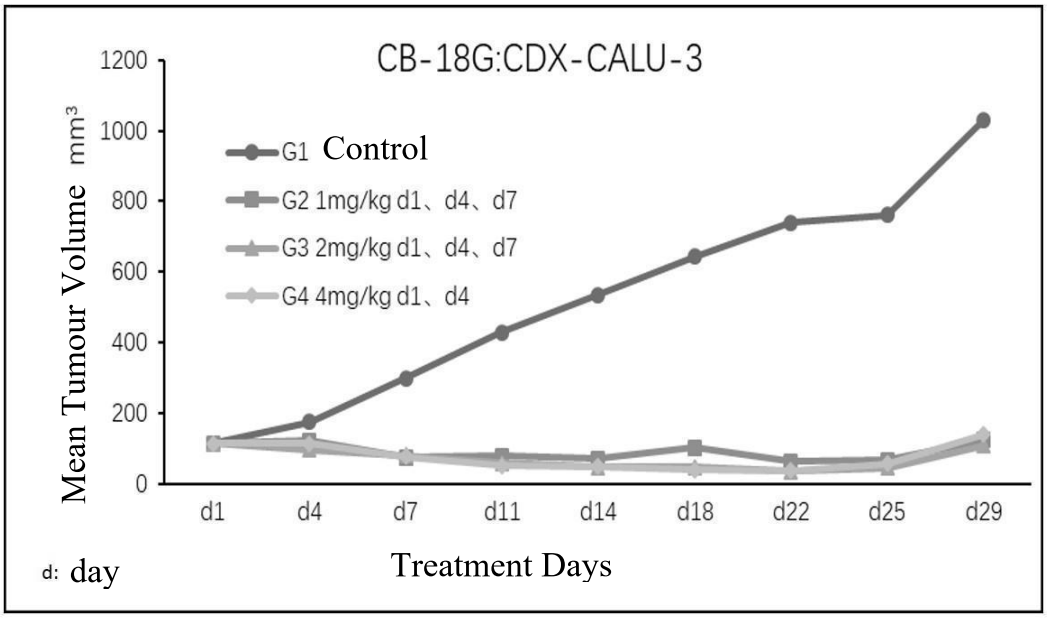

CB-18G:CDX-CALU-3
G1 Control
G2 1mg/kg d1、d4、d7
G3 2mg/kg d1、d4、d7
G4 4mg/kg d1、d4
Mean Tumour Volume mm³
1200
1000
800
600
400
200
0
d1
d4
d7
d11
d14
d18
d22
d25
d29
Treatment Days
d: day

Fig. 7D

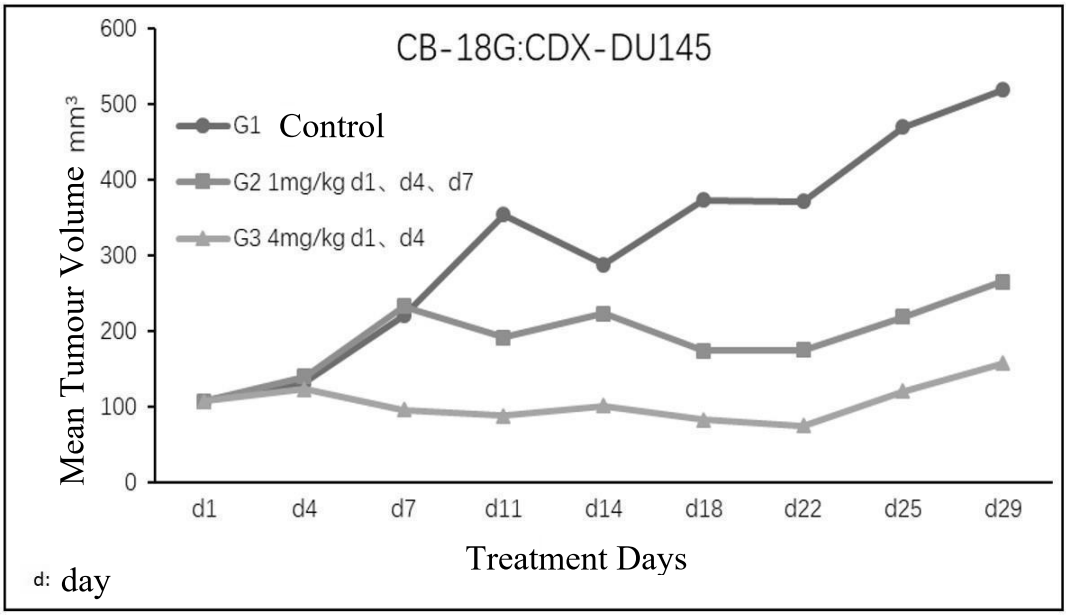

CB-18G:CDX-DU145
Mean Tumour Volume mm³
600
500
400
300
200
100
0
G1 Control
G2 1mg/kg d1、d4、d7
G3 4mg/kg d1、d4
d1
d4
d7
d11
d14
d18
d22
d25
d29
Treatment Days
d: day

Fig. 7E

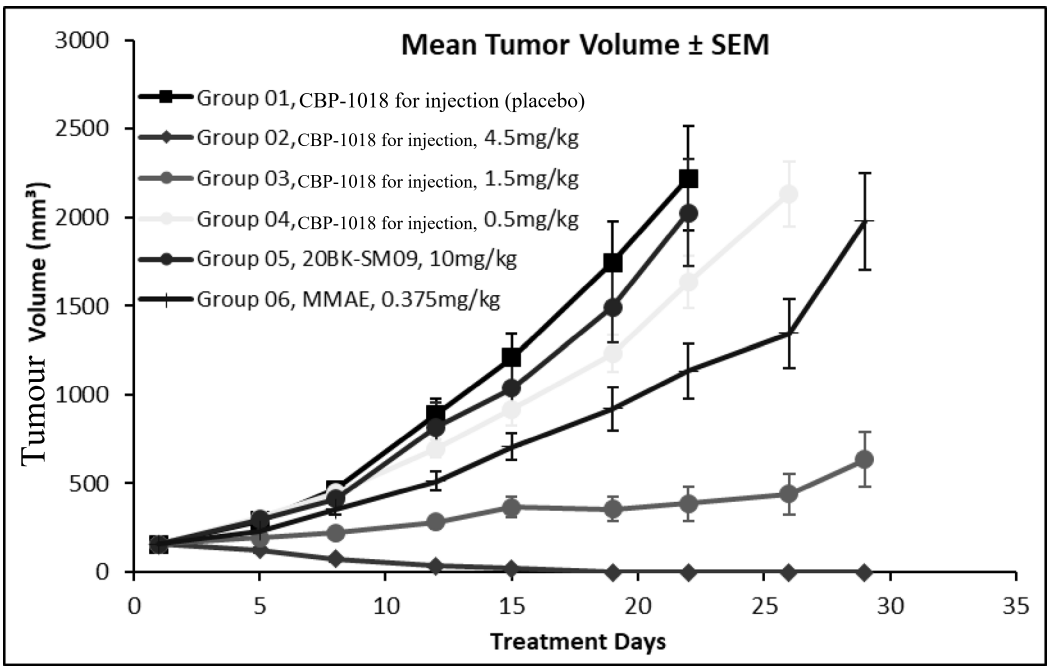

Mean Tumor Volume ± SEM
Group 01, CBP-1018 for injection (placebo)
Group 02, CBP-1018 for injection, 4.5mg/kg
Group 03, CBP-1018 for injection, 1.5mg/kg
Group 04, CBP-1018 for injection, 0.5mg/kg
Group 05, 20BK-SM09, 10mg/kg
Group 06, MMAE, 0.375mg/kg
Tumour Volume (mm³)
Treatment Days
0
500
1000
1500
2000
2500
3000
0
5
10
15
20
25
30
35

Fig. 8A

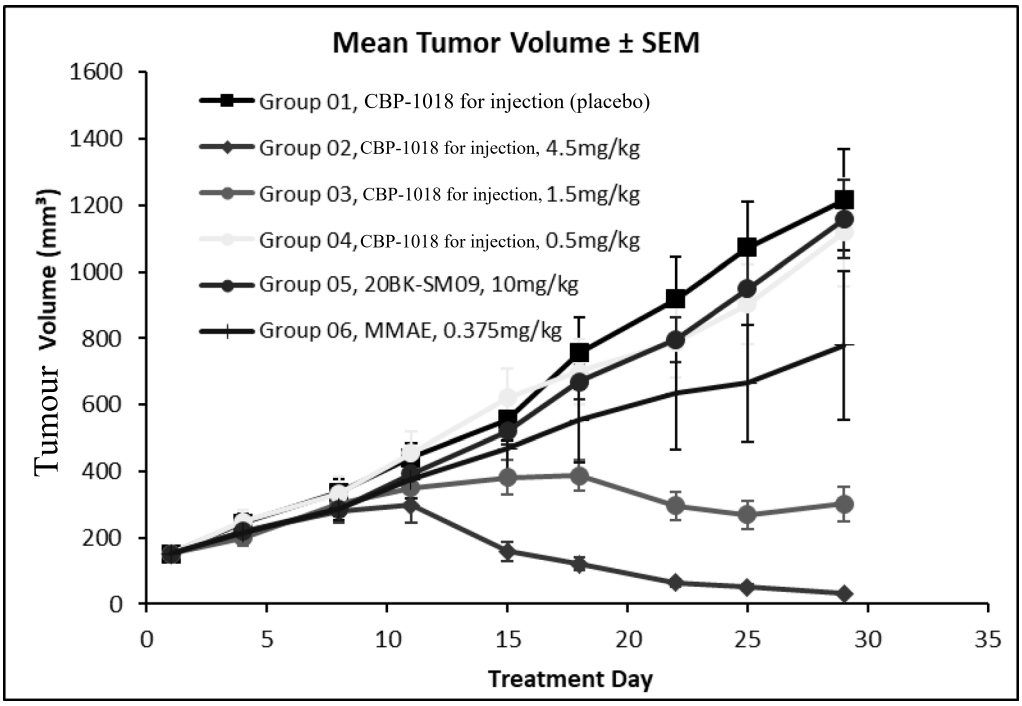

Mean Tumor Volume ± SEM
Group 01, CBP-1018 for injection (placebo)
Group 02, CBP-1018 for injection, 4.5mg/kg
Group 03, CBP-1018 for injection, 1.5mg/kg
Group 04, CBP-1018 for injection, 0.5mg/kg
Group 05, 20BK-SM09, 10mg/kg
Group 06, MMAE, 0.375mg/kg
Tumour Volume (mm³)
Treatment Day
0
200
400
600
800
1000
1200
1400
1600
0
5
10
15
20
25
30
35

Fig. 8B