



k ! ! ! ! !
! ! k ! ! !
k



全面覆盖的治疗模式

! k
k

mRNA

SPR

ADC

GPCR

NanoString nCounter

PROTAC

k PL ?+bgqnj_w

!

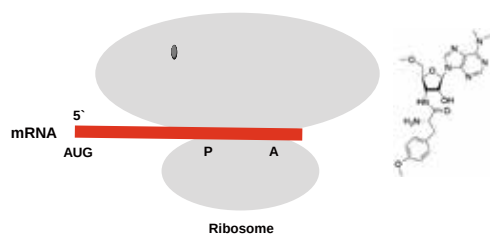
k

k

k

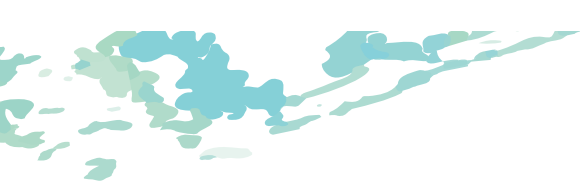
k PL ?+bgqnj_w

k PL ?

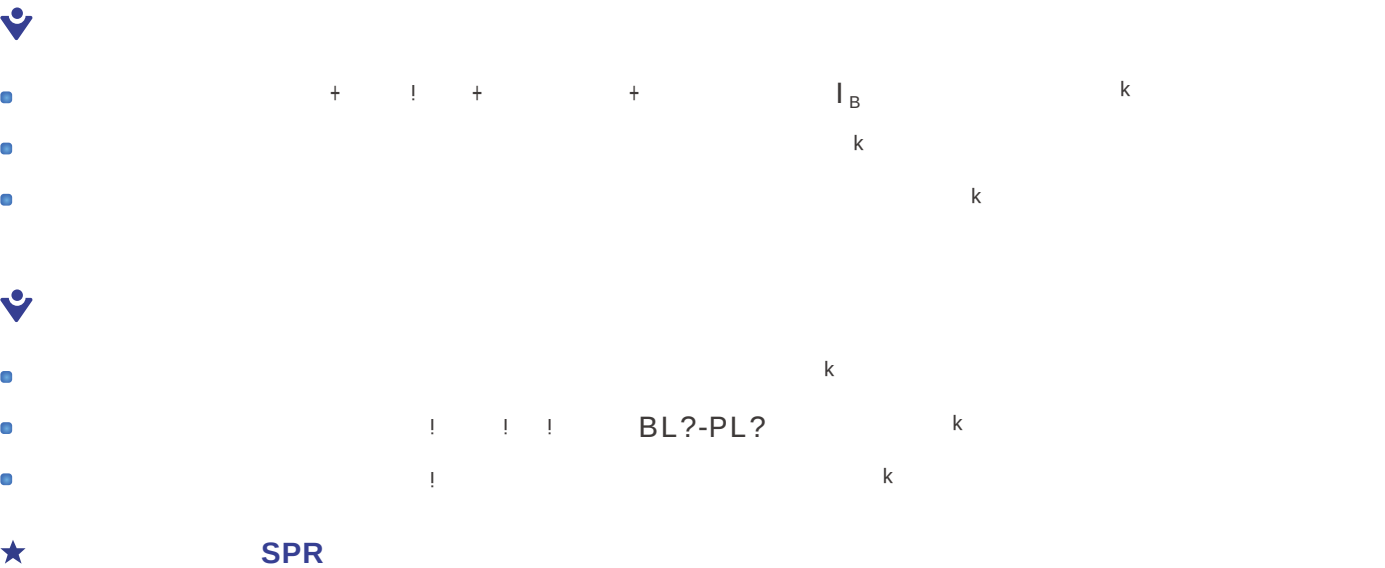
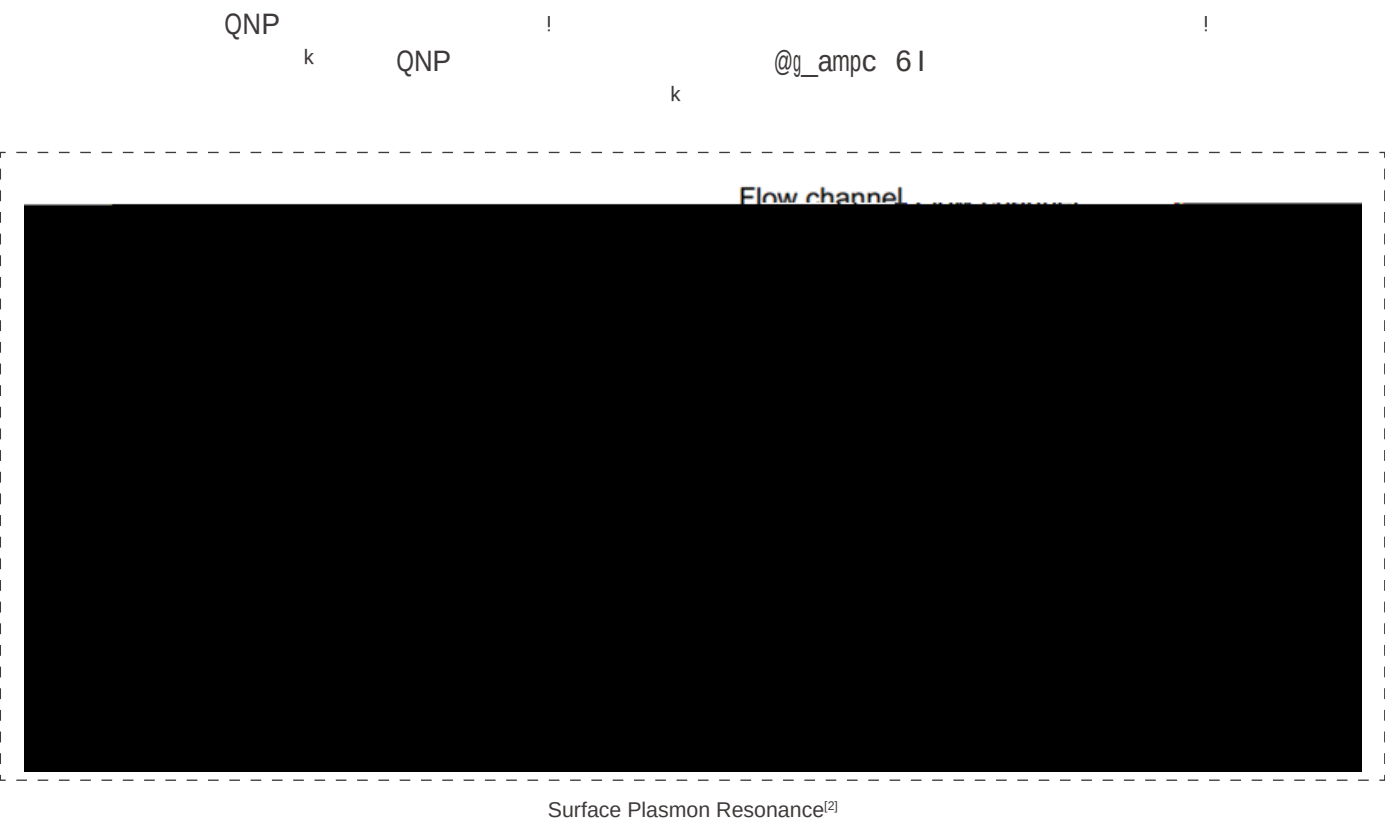


小核酸药物评价服务





SPR分子互作服务



k

k

ADC

!

k

?

BA

k

?BA

k



-
-
-

★ ADC



酶活性评价服务

!k

Michaelis-Menten

!k

Michaelis-Menten

!k

Michaelis-Menten

!k

Michaelis-Menten

!k

Michaelis-Menten

!k

Michaelis-Menten

!k

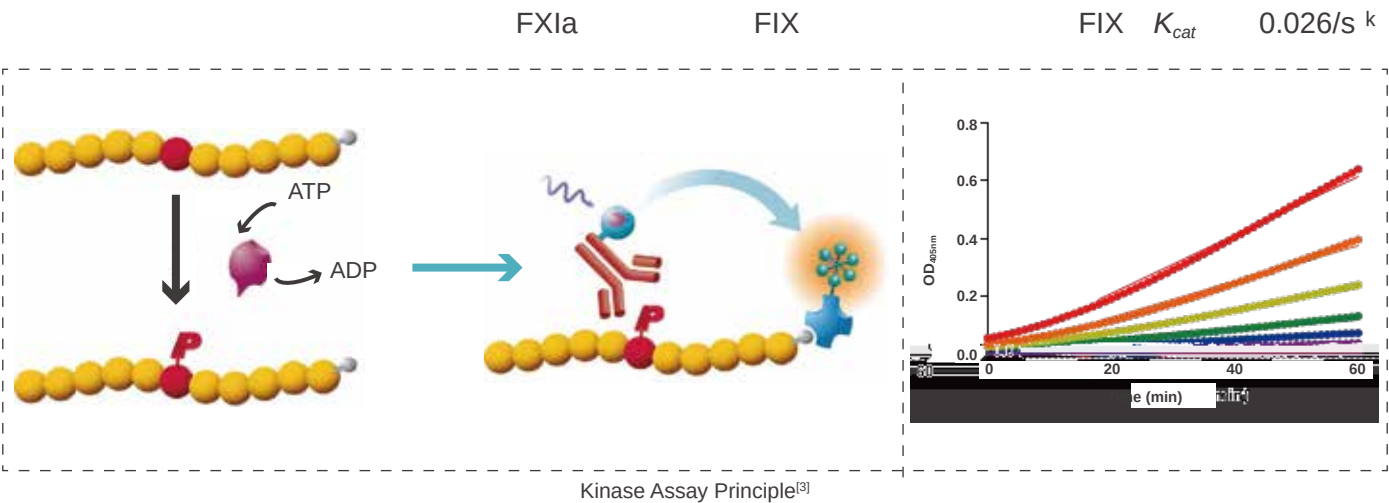
Michaelis-Menten

!k

Michaelis-Menten

!k

Michaelis-Menten



酶进化服务

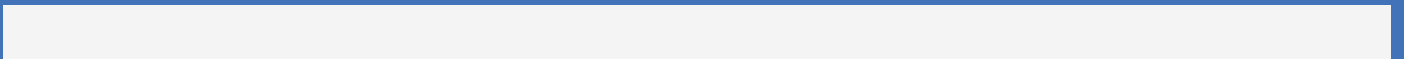


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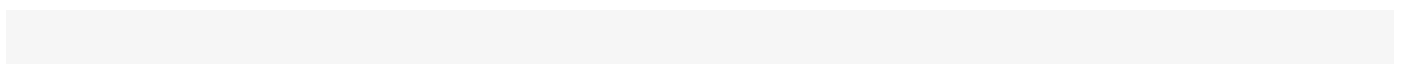






Sony

k





B

B

scFv Fab k

CHO/HEK293

Sf9/Baculovirus

E.coli

SPR ELISA

ADCC/CDC

pH !



^3H ^{14}C ^{32}P ^{33}P ^{35}S ^{125}I ! k k 10



- - ! k
- k
- DNA k

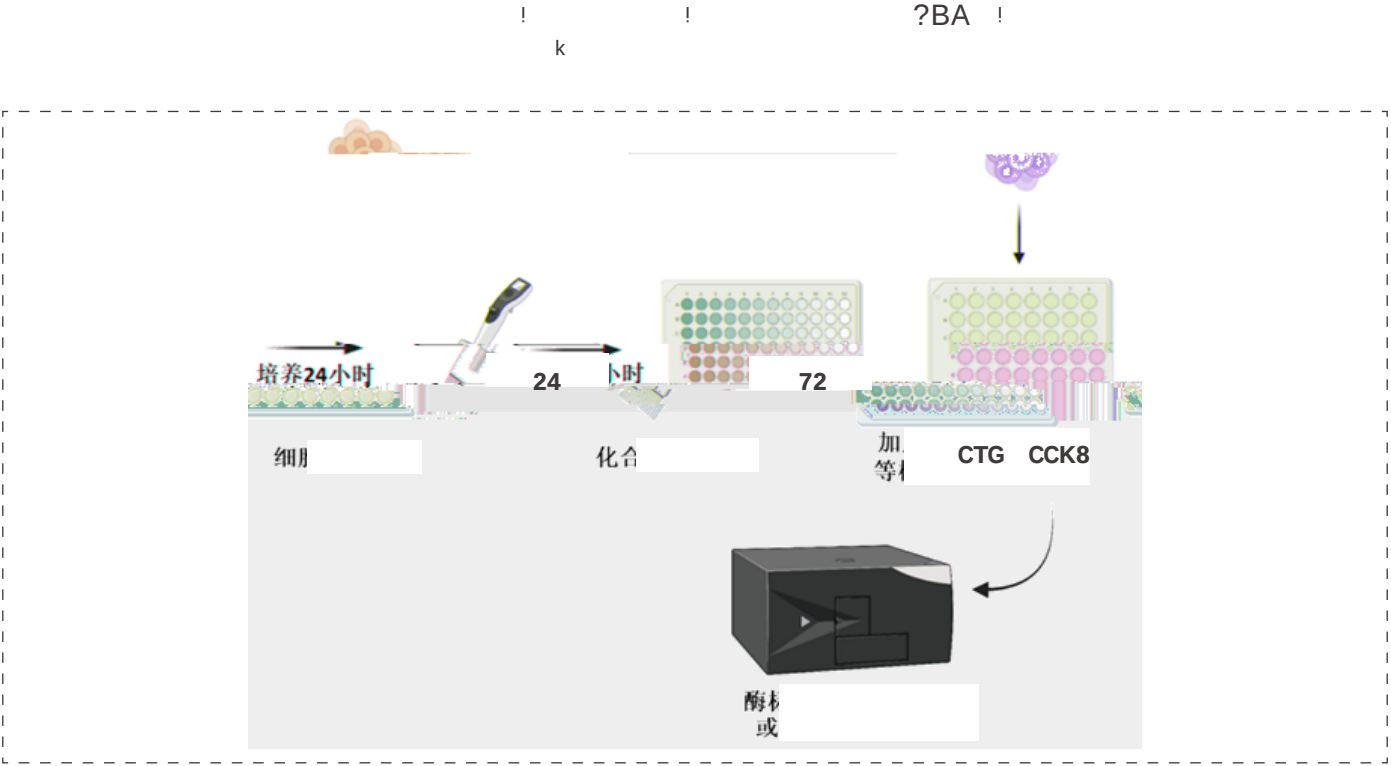


-

EJN/P +/
EA+A A
EIPF
DMJP / -DMJPO / 0
RPI @ @



细胞毒筛



GA₃ KRR ARE AA16

?I | cvg | T-NG ! k k



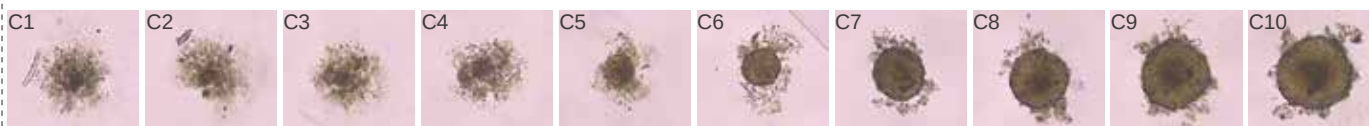
! ! k k k



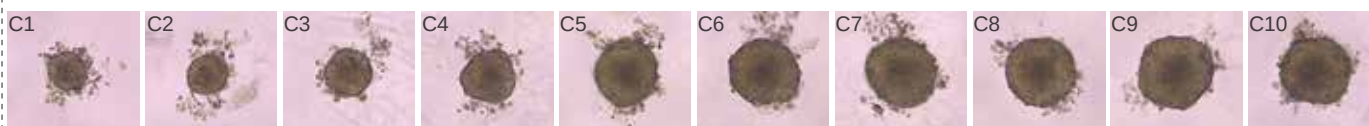
NCI-H358 (Lung) Cell Cytotoxicity Assay (3D)

Group	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
Concentration (nM)	1000	333.3	111.1	37.04	12.35	4.115	1.372	0.457	0.152	0

Compound	Cell line	Incubation time (Day)	Start conc	Dilution fold
AMG510	NCI-H358	12	1 μ M	3-fold diluted



Compound	Cell line	Incubation time (Day)	Start conc	Dilution fold
BI3406	NCI-H358	12	1 μ M	3-fold diluted


1 μ M

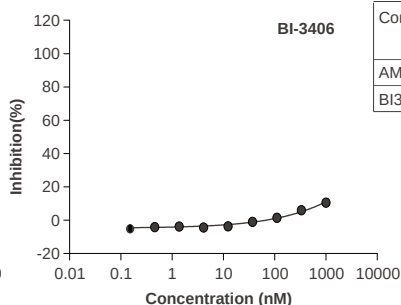
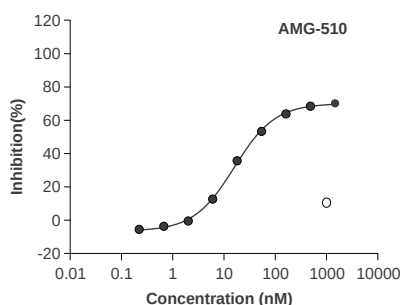
1:3

NCI-H358

288 h

k

NCI-H358 (Lung) Cell Cytotoxicity CTG Assay (2D; 3 days)



Compound	CTG-IC ₅₀ S on NCI-H358 cells (nM)	Top Inhibition(%)	Start conc	Dilution fold
AMG510	10.89	86.86	1 μ M	3-fold diluted
BI3406	>1000	13.78	1 μ M	3-fold diluted

1 μ M

1:3

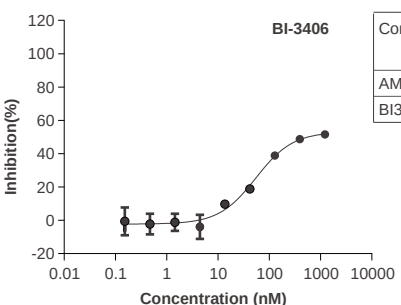
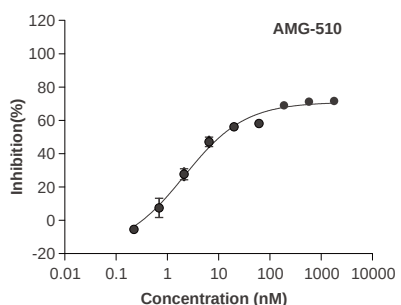
NCI-H358

72 h

CTG

k

NCI-H358 (Lung) Cell Cytotoxicity CTG Assay (3D;12 days)



Compound	CTG-IC ₅₀ S on NCI-H358 cells (nM)	Top Inhibition(%)	Start conc	Dilution fold
AMG510	1.386	99.52	1 μ M	3-fold diluted
BI3406	48.23	71.53	1 μ M	3-fold diluted

1 μ M

1:3

NCI-H358

288 h

k



Cancer Type	Cell Line
Brain cancer	CHP-212, LN-229, U118MG, U-87 MG, U-251 MG
Breast cancer	BT474, BT549, HCC70, HCC1569, HCC1806, HCC1954, HS-578-T, JIMT-1, MCF7, MCF-10A, MDA-MB-231, MDA-MB-435, MDA-MB-436, MDA-MB-453, MDA-MB-468, MX-1, NCI-H1954, SK-BR-3, SUM 149PT, T47D, ZR-75-1
Cervix	C33A, Hela, SiHa
Colon cancer	Caco-2, COLO 205, COLO320, DLD-1, HCT-8, HCT-15, HCT-116, HT-29, LIM-1215, LoVo, Ls174T, NCI-H508, RKO, SW48, SW480, SW620, SW837
Endometrium	AN3 CA, HEC-1-A, HEC-1-B, RL95-2
Esophageal	KYSE-520
Fibrosarcoma/Soft tissue	HT-1080
Gastric cancer	AGS, Hs 746T, KATOIII, MKN-45, NCI-N87, NUGC-4, SGC7901, SNU-16, SNU-216
Head and neck cancer	CAL-27, Detroit562, FaDu, TT
Leukemia	C1498, CCRF-CEM, HEL, HL-60, Jurkat E6.1, JVM-3, K-562, Kasumi-1, MOLM-13, MOLM-16, MOLT-3, MOLT-4, MV-4-11, OCI-AML-3, OCI-AML5, TF-1a, THP-1, U-937
Liver cancer	BEL-7402, HCCLM3, Hep3B, Hep G2, HPAF-II, HuH-7, MHCC97L, PLC-PRF-5, SK-HEP-1, SMMC-7721, SNU398, SNU387, SNU-423, SNU-761
Lung cancer	A427, A549, Calu-1, Calu-3, Calu-6, DMS114, EBC-1, HCC4006, HCC827, MOTO-211H, NCI-H69, NCI-H292, NCI-H358, NCI-H460, NCI-H520, NCI-H522, NCI-H526, NCI-H727, NCI-H820, NCI-H1299, NCI-H1373, NCI-H1568, NCI-H1581, NCI-H1650, NCI-H1703, NCI-H1838, NCI-H1975, NCI-H1993, NCI-H2009, NCI-H211, NCI-H2122, NCI-H2170, NCI-H2228, NCI-H226, NCI-H23, NCI-H3122, NCI-H3255, NCI-H441, PC9
Lymphoma	Daudi, DB, DOHH2, HH, JeKo-1, Karpas299, MAVER-1, Mino, NCEB-1, OCI-LY10, OCI-LY19, Raji, RL, SR, SU-DHL-1, SU-DHL-2, SU-DHL-4, SU-DHL-6, TMD-8, WSU DLCL2
Melanoma	A375, C32, COLO829, SK-MEL-28, SK-MEL-3, SK-MEL-31
Myeloma	MM.1R, MM.1S, NCI-H929, OPM-2, RPMI-8226
Osteosarcoma	SJSA-1, Saos-2
Ovary	A2780, OVCAR-3, OVCAR-8, PA-1, SK-OV-3
Pancreatic cancer	AsPC-1, Bx PC-3, Capan-1, Capan-2, CFPAC-1, HPAF-II, Mia PaCa-2, PANC-1, PANC10.05, PANC02, PANC05.04, SU.86.86, SW1990
Prostate	22RV1, DU145, LnCap, LNCaP-F877L mut, PC-3, Vcap
Renal cancer	786-O, A498, ACHN, Caki-1, OS-RC-2
Skin cancer	A-431, Mewo
Urinary bladder cancer	5637, HT1376, RT4, UM-UC-3



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